

**Country specific regulations and
PRODUCT_CHARACTERISTICS for ETIM BMEcat guideline
version 4.0**

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A dynamic appendix to the official release version 4.0 of the ETIM BMEcat guideline

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1. Introduction

The chapters “Country specific regulations” and “Country specific PRODUCT_CHARACTERISTICS” in the ETIM BMEcat guideline are intended to add more flexibility to the general guideline to adapt it to local market requirements, without causing disturbance or an explosion of local elements in the core international format. So country specific regulations can give a local definition or explanation to general elements and PRODUCT_CHARACTERISTICS can be used to define local elements that are not relevant for international use (or elements that are not yet accepted as internationally relevant).

Official releases of the ETIM BMEcat guideline will not appear frequently, usually in the same release frequency as the ETIM classification, so once every 2-3 years. To add extra flexibility to the use of the ETIM BMEcat guideline the ETIM Technical Committee has decided to publish a dynamic version of both chapters “Country specific regulations” and “Country specific PRODUCT_CHARACTERISTICS”, allowing countries to define extra elements or regulations in between official versions. As with the dynamic release of the ETIM classification, this has advantages but also restrictions. Flexibility is the clear advantage, but it does require that software systems, of the data supplier and the data receiver, are able to adapt to this flexibility and implement the additions as they appear. Data supplier and receiver will bilaterally have to coordinate if they are aligned to the same status.

That this document is dynamic does not mean it will be published the moment each time a change is requested. For pragmatic reasons we will collect all requested changes for release maximum once every quarter, of course only if any request have been issued. The file name will display the date of the latest update. Also in the last chapter a change log will track briefly what countries have updated their section and what the changes are, related to the release version 4.0.

2. Country specific regulations

In this chapter, each ETIM country organization can define specific regulations, relevant for data transfer in their market. On www.etim-international.com you will find current contact information (e-mail) of each country.

a. AT - AUSTRIA

- **Text fields (identic to the German definition of text fields)**

- For the Austrian market, the element “DESCRIPTION_LONG” is described as follows:
“The aim of the element DESCRIPTION_LONG is a more detailed product description. ETIM features can be used but neither exclusively nor as a series of several ETIM features. Also not desired is a one-to-one copy of the DESCRIPTION_SHORT.
Requested are formulated texts that should have a commercial and / or technical character. The long description should present features of a product – among others – that cannot be described with the structured data. Redundant information that is already submitted elsewhere in the BMEcat file should be avoided.”
- Text fields (“Short description”, “Long description”, “Keywords”, ...) may not contain font formatting (bold, italic (cursive), underline, ...). Allowed are all characters of the German character set, without semicolon, quotation marks, em dash/longer dash and apostrophe. Only the “Long description” may contain additional structures (e.g. bullets) but no HTML tags.
HTML tags will be permitted if they are escaped.
- The current spelling rules are generally observed. Particularly the use of capital letters/chapters generally should be avoided (e.g. JUNCTION BOX). Furthermore, sequences of blanks or information about the date of delivery are not allowed. The indication of a product number or a manufacturer name in the fields “Short description”, “Long description” and “Keyword” should also be avoided.

- **BMEcat element “INTERNATIONAL_PID”**

If existing, this information is mandatory.

- **General requirements**

- The link must be valid during the period of the ETIM BMEcat data

- **MIME elements**

The data receivers expect at least one picture for each product according to the following specifications:

UDX.EDXF.MIME_CODE = “MD01” (Product picture) or “MD02” (Similar figure)

UDX.EDXF.MIME_DESIGNATION = “normal”

The picture should be in the format jpg or png.

The recommended quality is: 500 to 500 Pixel, 300 dpi

Exactly this combination represents the “standard picture” of a product and therefore may occur only once per product in the BMEcat.

In the field „**UDX.EDXF.MIME_SOURCE**“ should only be delivered the file name **without** a relative path.

Further pictures and documents can and should be delivered in addition, however, not with the indications used for the standard picture. Not permitted is the delivery of picture data that contains written or graphical information “Picture not available”.

If the product needs an “energy label” it should be delivered in format jpg or png in the same quality as written above.

If the product needs a “safety data sheet” the document is mandatory and should be delivered in format pdf.

It is recommended that a “product data sheet” for each product is delivered – format pdf.

b. BE – BELGIUM

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

c. CH - SWITZERLAND

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

d. DE - GERMANY

- **Text fields**

- For the German market, the element “DESCRIPTION_LONG” is described as follows:
“The aim of the element DESCRIPTION_LONG is a more detailed product description. ETIM features can be used but neither exclusively nor as a series of several ETIM features. Also not desired is a one-to-one copy of the DESCRIPTION_SHORT.
Requested are formulated texts that should have a commercial and / or technical character. The long description should present features of a product – among others – that cannot be described with the structured data. Redundant information that is already submitted elsewhere in the BMEcat file should be avoided.”
- Text fields (“Short description”, “Long description”, “Keywords”, ...) may not contain font formatting (bold, italic (cur-sive), underline, ...). Allowed are all characters of the German character set, without semicolon, quotation marks, em dash/longer dash and apostrophe. Only the “Long description” may contain additional structures (bullets, paragraphs/line breaks) but no HTML tags.
HTML tags will be permitted if they are escaped.
- The current spelling rules are generally observed. Particularly the use of capital letters/chapters generally should be avoided (e.g. JUNCTION BOX). Furthermore, sequences of blanks or information about the date of delivery are not allowed. The indication of a product number or a manufacturer name in the fields “Short description”, “Long de-scription” and “Keyword” should also be avoided.

- **General requirements**

- The link must be valid during the period of the ETIM BMEcat data

- **MIME elements**

The data receivers expect at least two pictures for each product according to the following specifications:

Once the combination:

UDX.EDXF.MIME_CODE = “MD01” (Product picture) or “MD02” (Similar figure)

UDX.EDXF.MIME_DESIGNATION = “normal”

Exactly this combination represents the “standard picture” of a product and therefore may occur only once per product in the BMEcat.

Once the combination:

UDX.EDXF.MIME_CODE = “MD01” (Product picture) or “MD02” (Similar figure)

UDX.EDXF.MIME_DESIGNATION = “detail”

Further pictures and documents can and should be delivered in addition, however, not with the indications used for the standard picture. Not permitted is the delivery of picture data that contains written or graphical information “Picture not available”.

- Specification for product group cables and wires in Germany

	NYM-J 3x1.5 100m ring	NYY-J 3x1.5 exact 500 m non- returnable reel	NYY-J 3x1.5 exact 3,000 m returna- ble drum	NAYCWY 3x120 approx. 500 m returna- ble drum	NAYCWY 3x120 cutting length
Element: PRODUCT_DETAILS					
Short description (DESCRIPTION_SHORT)	see below	see below	see below	see below	see below
Long description (DESCRIPTION_LONG)	see below	see below	see below	see below	see below
INTERNATIONAL_PID type="gtin"	n14	n14	n14	n14	n14
Manufacturer type description (MANUFACTURER_TYPE_DESCRIPTION)	see below	see below	see below	see below	see below
Element: PRODUCT_ORDER_DETAILS					
Order unit (ORDER_UNIT)	MTR	MTR	MTR	MTR	MTR
Content unit (CONTENT_UNIT)	MTR	MTR	MTR	MTR	MTR
Packing quantity (NO_CU_PER_OU)	1	1	1	1	1
Price quantity (PRICE_QUANTITY)	1000	1000	1000	1000	1000
Quantity interval (QUANTITY_INTERVAL)	100	500	3000	500	1
Element: PRODUCT_PRICE					
Price type (PRICE_TYPE)	net_list	net_customer	net_customer	net_customer	net_customer
Price currency (PRICE_CURRENCY)	EUR	EUR	EUR	EUR	EUR
Price amount (PRICE_AMOUNT)	490.00	152.00	152.00	5300.00	5300.00
Tax rate (TAX)	0.19	0.19	0.19	0.19	0.19
Territory (TERRITORY)	DE	DE	DE	DE	DE
Element: UDX.EDXF.PRODUCT_LOGISTIC_DETAILS					

	NYM-J 3x1.5 100m ring	NYJ-J 3x1.5 exact 500 m non- returnable reel	NYJ-J 3x1.5 exact 3,000 m returna- ble drum	NAYCWY 3x120 approx. 500 m returna- ble drum	NAYCWY 3x120 cutting length
Net weight (UDX.EDXF.NETWEIGHT)	0.11	0.11	0.176	2.660	2.660
Element: UDX.EDXF.SURCHARGE_LIST					
Surcharge type (UDX.EDXF.SURCHARGE_TYPE)	copper	copper	copper	aluminum	aluminum
Surcharge manner (UDX.EDXF.SURCHARGE_MANNER)	base	base	base	base	base
Surcharge factor (UDX.EDXF.SURCHARGE_PERCENTAGE)					
Surcharge price amount (UDX.EDXF.SURCHARGE_PRICE_AMOUNT)					
Material basis (UDX.EDXF.MATERIAL_BASIS)	150	0	0	0	0
Material basis weight (UDX.EDXF.MATERIAL_BASIS_WEIGHT)	43000	43000	43000	1044000	1044000
Quantity unit (UDX.EDXF.MATERIAL_BASIS_PRICE_UNIT)	MTR	MTR	MTR	MTR	MTR
Surcharge type (UDX.EDXF.SURCHARGE_TYPE)				copper	copper
Surcharge manner (UDX.EDXF.SURCHARGE_MANNER)				base	base
Element: UDX.EDXF.PACKING_UNITS (1 of n)					
Minimum quantity (UDX.EDXF.QUANTITY_MIN)	100	500	3000	450	1
Maximum quantity (UDX.EDXF.QUANTITY_MAX)	100	500	3000	550	15
Packing unit code (UDX.EDXF.PACKING_UNIT_CODE)	RG	CL	DR	DR	RG
Element: UDX.EDXF.PACKING_UNITS (2 of n)					
Minimum quantity (UDX.EDXF.QUANTITY_MIN)	4800	2000		900	16
Maximum quantity (UDX.EDXF.QUANTITY_MAX)	4800	2000		1100	1500
Packing unit code	PF	PF		PF	DR

	NYM-J 3x1.5 100m ring	NYY-J 3x1.5 exact 500 m non- returnable reel	NYY-J 3x1.5 exact 3,000 m returna- ble drum	NAYCWY 3x120 approx. 500 m returna- ble drum	NAYCWY 3x120 cutting length
(UDX.EDXF.PACKING_UNIT_CODE)					

Explanation on the separate sample data:

Element: PRODUCT_DETAILS	
<p>Short description (DESCRIPTION_SHORT) max. 150 characters BMEcat® 2005 allows 150 characters (versus max. 80 characters in BMEcat 1.2). If a data supplier wants to provide more than 80 characters, it should be noticed that the text can be automatically cut off by the data receiver after 80 characters (depending on the data receiver's requirements of the target system)</p>	<p>In this field a textual description of the product is to enter. In catalogs it can be used as a headline of a product type. Examples: House wiring cable, PVC insulated Medium voltage power cable, VPE insulated with Cu conductor, longitudinal water blocking screen and PE sheath</p>
<p>Long description (DESCRIPTION_LONG) max. 64,000 characters</p>	<p>In this field a textual description of the application and the usage of the product is to enter. It can be related as an explaining text to a product type. Example: According to VDE 0298, part 3 – installation on top, on, in and under plaster in dry, humid and wet rooms and also in brickwork and concrete, except for direct embedding in shaking-, vibratory or tamped concrete. As well suitable for outdoor usage if protected from direct sunlight, however not in the soil.</p>
<p>Manufacturer type description (MANUFACTURER_TYPE_DESCR) max. 50 characters</p>	<p>Construction type, number of cores and nominal cross section should be filled in. Examples: J-Y(ST)Y 5x2x0.6 or</p>

	NYM-J 3x1.5 or NAYCWY 3x120
--	-----------------------------------

Element: PRODUCT_ORDER_DETAILS

Quantity interval (QUANTITY_INTERVAL)	Shows the interval in which the product can be ordered. For cutting length it is usually "1" (1 meter). For a stock length of e.g. 500 m with permitted length tolerance of maybe 450 m to 550 m it is "500" (500 meters). The length tolerances are specified by the maximum and minimum quantity. (UDX.EDXF.QUANTITY_MIN / UDX.EDXF.QUANTITY_MAX), see below
--	--

Element: PRODUCT_PRICE

Price type (PRICE_TYPE)	net_list Discountable list(gross)price without sales tax. net_customer Net purchase price without sales tax.
-------------------------	---

Surcharge data: UDX.EDXF.SURCHARGE_LIST (See also documentation ELDANORM 2000).

Surcharge type (UDX.EDXF.SURCHARGE_TYPE)	Indication on the metal which is related to all further data: aluminum copper lead silver The surcharge data can be given multiple if a product has several metals (see example NAYCWY).
Surcharge manner (UDX.EDXF.SURCHARGE_MANNER)	In this field the value "base" has to be specified.
Surcharge factor (UDX.EDXF.SURCHARGE_PERCENTAGE)	No value has to be entered.
Surcharge price amount (UDX.EDXF.SURCHARGE_PRICE_AMOUNT)	No value has to be entered.
Material basis (UDX.EDXF.MATERIAL_BASIS)	The metal quotation that is already charged in the price has to be given, e.g.: - "000" for hollow prices - "100" for prices that include already the charge of the belonging metal with 100.00 €/100 kg - "150" for prices that include already the charge of the belonging metal with 150.00 €/100 kg Notice: With so-called full prices, all data on metal surcharges can be omitted.
Material basis weight	Material weight (Individual metal number) has to be given in „grams per price reference quantity of

Surcharge data: UDX.EDXF.SURCHARGE_LIST (See also documentation ELDANORM 2000).	
(UDX.EDXF.MATERIAL_BASIS_WEIGHT)	the order unit" (grams per PRICE_QUANTITY of the ORDER_UNIT) i.e. usually grams / 1,000 meter
Quantity unit	MTR
Step size (UDX.EDXF.MATERIAL_BASIS_SURCHARGE_THRESHOLD)	Usually no information is required for this field
Element: UDX.EDXF.PACKING_UNITS (1 of n)	
Minimum quantity / Maximum quantity (UDX.EDXF.QUANTITY_MIN / UDX.EDXF.QUANTITY_MAX)	<p>Depending on the different packing sizes the element can appear multiple, e.g. also to describe the content of a pallet (see example above „NYM-J 3x1.5 as 100 m ring“).</p> <ol style="list-style-type: none"> (1) If "Minimum quantity" and "Maximum quantity" are equal, the product is invariably in its length (length fix). (2) If "Minimum quantity" and "Maximum quantity" are different, the product is variable in its length (length variable). Length variable products are in addition to cutting lengths also so-called stock lengths with approximately lengths. Example: a 500 m stock length – depending on the product – can vary between 450 and 550 m for manufacturing reasons. (3) Cutting lengths (length variable product) can be identified by the fact that the quantity interval is always filled in with the value "1" (meter). (4) For cutting lengths (length variable product) the largest specified "Maximum quantity" corresponds to the maximum production-technical admissible single length.
Packing unit code (UDX.EDXF.PACKING_UNIT_CODE)	<p>The following definition is the base to avoid misinterpretation:</p> <p>Coil (CL): The coil is a light storage and transport container for cables and wires that generally can be used only once. Colloquially it is often also called "One-way coil". A coil has no identification "trading unit number" to identify the coil unambiguously.</p> <p>Drum (DR): The drum is a fix storage and transport container for cable and wires that generally can be used several times. This will also include returnable drums. Colloquially in Germany it is also often called "KTG drum - Cable drum organization". A drum has an identification "trading unit / drum number" to identify the drum unambiguously.</p>

e. DK- DENMARK

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

f. ES – SPAIN

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

g. FI – FINLAND

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

h. FR – FRANCE

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

i. IT – ITALY

- No country specific regulations for this version 4.0 of the ETIM Guidelines

j. LT – LITHUANIA

- No country specific regulations for this version 4.0 of the ETIM Guidelines

k. NA – NORTH AMERICA (USA/CANADA)

- No country specific regulations for this version 4.0 of the ETIM Guidelines

I. NL – THE NETHERLANDS

- Text fields
 - For the Dutch market, the element “DESCRIPTION_LONG” is described as follows: This field should be used as a commercial / marketing text about the product. (Max 1000 characters no HTML tags)
 - Some ERP software is using a long ERP description, this is a longer version of the description short with a Max of 256 characters, no HTML tags. This field is defined in the country specific UDX.EDXF.PRODUCT_CHARACTERISTIC “Long ERP description” with code “NL-008”, see chapter 11.
 - The descriptions (Description_short, Description_long and “Long ERP description”) should not contain HTML tags, font formatting (bold, italic (cursive), underline, ...).

- Packing unit code (UDX.EDXF.PACKING_UNIT_CODE)
 - C62 One (unit) is interpreted as unpacked
 - Not recommended is the use of the codes below:
 - BE (Bundle),
 - PR (Pair),
 - SET (set),
 - Z2 (Chest),
 - Z3 (Cask).

- Country of origin:
 - This field is interpreted as the country of which the product is sent out by ordering. In case of stock at several location, multiple country codes can be exchanged.

```
<PRODUCT_LOGISTIC_DETAILS>  
  <COUNTRY_OF_ORIGIN>NL</COUNTRY_OF_ORIGIN>
```

- The country of production is the actual production location. Please use the country specific UDX.EDXF.PRODUCT_CHARACTERISTIC field “Country of production origin” with code “NL_006””, see chapter 11. In case of several production locations for the same product, multiple country codes can be exchanged.

- Catalogues with multiple manufacturers or suppliers.
 - In case of catalogue messages containing products of more than one manufacturer, on every product the field the country specific UDX.EDXF.PRODUCT_CHARACTERISTIC field “Manufacturer_IDref” with code “NL_010” must be used, see chapter 11.
 - In case of a multi supplier catalogue, every article needs to be identified with the GLN of the supplier, the field the country specific UDX.EDXF.PRODUCT_CHARACTERISTIC field “Supplier_IDref” with code “NL_009” must be used, see chapter 11.
 - When a multi catalogue message contains multiple suppliers of the same product, redundant product information should be avoided. The ETIM classification and “mime info” should only be added the first time it is mentioned in the catalogue. The function PRODUCT_REFERENCE “base_product” must be used on all the other article elements which refer to the same product.
- PRODUCT_REFERENCE “fits to” and “predecessor”
 - To define a reference of type “fits to”, choose “type=others” for the field PRODUCT_REFERENCE and enter “fits to” in the field REFERENCE_DESCR. See example below.

```
<PRODUCT_REFERENCE type="others">  
  <PROD_ID_TO>654321</PROD_ID_TO>  
  <REFERENCE_DESCR>fits to</REFERENCE_DESCR>  
</PRODUCT_REFERENCE>
```

- To define a reference of type “predecessor”, choose “type=others” for the field PRODUCT_REFERENCE and enter “predecessor” in the field REFERENCE_DESCR. See example below.

```
<PRODUCT_REFERENCE type="others">  
  <PROD_ID_TO>654321</PROD_ID_TO>  
  <REFERENCE_DESCR>predecessor</REFERENCE_DESCR>  
</PRODUCT_REFERENCE>
```

m. NO – NORWAY

This section describes the implementation of ETIM BMEcat in the Norwegian central databases for the Electrical (EFObasen) and HVAC (NRF Databasen) sections.

- **Use of the term Catalog**

Neither database organizes data in a catalog structure, and no catalog information (version, name, etc.) will be stored.

- **Status definitions**

The product availability state is no longer controlled by the PRODUCT_STATUS element. Instead, a custom product characteristic is introduced (NO_PRODUCT_UNAVAILABLE). The product status will still be exported by both databases in the PRODUCT_STATUS element. The numeric value will be one of the following:

10 – Preregistered/reserved

20 – Active

30 – Not ready for sale (NRF only. The product's unavailability is also indicated in the above described characteristic)

50 – Awaiting approval

60 – Not approved (rejected)

90 – Deleted

On import, the status is ignored. If the product does not exist, it is created. Otherwise it is edited. To delete a product, use the transaction type T_UPDATE_PRODUCTS with a mode set to “delete”.

- **Language**

Unless specified in the table in section d), only the language codes “nob” or “nor” are used. Both codes have the same meaning, and are treated identically. The export language will always be “nob”.

- **BMEcat to branch database field mapping**

The following table lists all the fields in BMEcat and how they are used in the branch databases respectively. All fieldnames are in Norwegian. Fields found in any of the branch databases, but not in BMEcat or ETIM are transferred using the new UDX.EDXF.PRODUCT_CHARACTERISTICS element.

Legend:

"-"	Denotes a parent element that does not hold any value. These elements are included for reference only
<i>"italic"</i>	Denotes an element not used by the branch database, but is an intrinsic part of BMEcat. These values are ignored on both import and export. If the element is required by BMEcat, a static value is inserted. See the individual elements for values used.
<i>"blue"</i>	Denotes a mapping from BMEcat to a database field
<i>"bronze"</i>	Indicates that a specific predefined value must be used

BMEcat element	EFO field name or value	Comments	NRF field name or value	Comments
SUPPLIER_PID	Leverandørens varenummer		Leverandørens varenummer	
PRODUCT_DETAILS	-		-	
DESCRIPTION_SHORT lang="nob"	Varebetegnelse	Max length is 100 characters	Varetekst.	See section g)
DESCRIPTION_SHORT lang="eng"	Engelsk Varebetegnelse	Max length is 100 characters	<i>Not used</i>	
DESCRIPTION_LONG lang="nob"	Teknisk beskrivelse	Max length is 4000 characters	Leverandørens varetekst	Max length is 4000 characters
DESCRIPTION_LONG lang="eng"	Engelsk Teknisk beskrivelse	Max length is 4000 characters	<i>Not used</i>	
INTERNATIONAL_PID type="gtin"	GTIN nummer		GTIN f-pak	The GTIN number will be duplicated in the package unit "f-pak"
INTERNATIONAL_PID type="upc"	<i>Not used</i>		<i>Not used</i>	
SUPPLIER_ALT_PID	<i>Not used</i>		<i>Not used</i>	
BUYER_PID type="buyer_specific"	<i>Not used</i>		<i>Not used</i>	
MANUFACTURER_PID	Produsentens varenummer		Produsentens varenummer	
MANUFACTURER_NAME	<i>Not used</i>	Moved to "UDX.EDXF.BRAND_NAME"	Produsentnavn	
MANUFACTURER_TYPE_DESCR	Produsentens varebetegnelse		Produsentens varebetegnelse	

SPECIAL_TREATMENT_CLASS type=	Saved as a product declaration		Saved as a product declaration	
KEYWORD	Nøkkelord		Nøkkelord	
REMARKS	Not used		Not used	
PRODUCT_STATUS	See explanation b)		See explanation b)	
PRODUCT_ORDER_DETAILS	-		-	
ORDER_UNIT	Prisenhet		Prisenhet	
CONTENT_UNIT	Grunnenhet		Grunnenhet	
NO_CU_PER_OU	Antall grunnenhet i prisenhet		Antall grunnenhet i prisenhet	
PRICE_QUANTITY	Not used		Not used	
QUANTITY_MIN	Not used		Not used	
QUANTITY_INTERVAL	Not used		Not used	
PRODUCT_PRICE_DETAILS	-		-	
DATETIME in context of PRODUCT_PRICE_DETAILS	-		-	
DATETIME type	Not used	"valid_start_date" is returned when exporting	Not used	"val-id_start_date" is returned when exporting
DATE	Not used	Current date is used when exporting	Not used	Current date is used when exporting
DATETIME in context of PRODUCT_PRICE_DETAILS	-		-	
DATETIME type	Not used		Not used	
DATE	Not used		Not used	
DAILY_PRICE	Not used		Not used	
PRODUCT_PRICE price_type	Not used	"net_list" is returned when exporting	Not used	"net_list" is returned when exporting
PRICE_AMOUNT	Not used	0 is returned when exporting	Not used	0 is returned when exporting
PRICE_CURRENCY	Not used		Not used	
TAX	Not used		Not used	
PRICE_FACTOR	Not used		Not used	
LOWER_BOUND	Not used		Not used	

TERRITORY	Not used		Not used	
USER_DEFINED_EXTENSIONS	-		-	
UDX.EDXF.MIME_INFO	See explanation e)		See explanation e)	
UDX.EDXF.MANUFACTURER_ACRONYM	Not used		Not used	
UDX.EDXF.DESCRPTION_VERY_SHORT lang="nob"	Varetekst	Max length is 30 characters	Kort varetekst	Max length is 30 characters
UDX.EDXF.DESCRPTION_VERY_SHORT lang="eng"	Engelsk Varetekst	Max length is 30 characters	Not used	
UDX.EDXF.BRAND_NAME	Fabrikat/Merke	Max length is 25 characters	Merke	
UDX.EDXF.TENDER_TEXT	Not used		Not used	
UDX.EDXF.VALID_FROM	Gyldig fra		Gyldig fra	
UDX.EDXF.EXPIRATION_DATE	Gyldig til		Dato for når varen utgår	
UDX.EDXF.DISCOUNT_GROUP	-		-	
UDX.EDXF.DISCOUNT_GROUP_MANUFACTURER	Not used		Not used	
UDX.EDXF.DISCOUNT_GROUP_SUPPLIER	Not used		Not used	
UDX.EDXF.BONUS_GROUP_SUPPLIER	Not used		Not used	
UDX.EDXF.ADDITIONAL_FACTORS	-		-	
UDX.EDXF.ADDITIONAL_PRICE_FACTOR	Not used		Not used	
UDX.EDXF.ADDITIONAL_FACTOR_INFO	Not used		Not used	
UDX.EDXF.PRODUCT_TO_STOCK	Lagerføres		Lagerføres	
UDX.EDXF.PRODUCT_SERIES	Produktserie		Produktserie	
UDX.EDXF.PRODUCT_VARIATION	Produktvariant		Produktvariant	
UDX.EDXF.COUNTRY_BRANCH_NUMBERS	-		-	
UDX.EDXF.COUNTRY_BRANCH_NUMBER	Elnummer		NRF nummer	
UDX.EDXF.COUNTRY_BRANCH_NUMBER type	electrical		HVAC	
UDX.EDXF.COUNTRY_BRANCH_NUMBER country	NO		NO	
UDX.EDXF.COUNTRY_BRANCH_SUPPLIER_IDS	-		-	
UDX.EDXF.COUNTRY_BRANCH_SUPPLIER_ID	Supplier number		Supplier number	
UDX.EDXF.COUNTRY_BRANCH_SUPPLIER_ID type	electrical		HVAC	
UDX.EDXF.COUNTRY_BRANCH_SUPPLIER_ID country	NO		NO	

UDX.EDXF.PACKING_UNITS	-	-	-
UDX.EDXF.PACKING_UNIT	-	-	-
UDX.EDXF.QUANTITY_MIN	Antall		Antall
UDX.EDXF.QUANTITY_MAX	Not used		Not used
UDX.EDXF.PACKING_UNIT_CODE	Enhet		Enhet
UDX.EDXF.PACKING_UNIT_NAME	Must be "f-pak", "m-pak", "d-pak" or "t-pak"		Must be "f-pak", "m-pak", "d-pak" or "t-pak"
UDX.EDXF.PACKAGE_BREAK	Forpakning kan brytes		Forpakning kan brytes
UDX.EDXF.PACKING_PARTS	Not used		Not used
UDX.EDXF.VOLUME	Volum		Volum
UDX.EDXF.WEIGHT	Vekt		Vekt
UDX.EDXF.LENGTH	Lengde		Lengde
UDX.EDXF.WIDTH	Bredde		Bredde
UDX.EDXF.DEPTH	Høyde/dybde		Høyde
UDX.EDXF.DIAMETER	Diameter		Diameter
UDX.EDXF.GTIN	GTIN		GTIN
UDX.EDXF.GS1_128	GS1 128		GS1 128
UDX.EDXF.PRODUCT_LOGISTIC_DETAILS	-		-
UDX.EDXF.NETVOLUME	Not used		Not used
UDX.EDXF.NETWEIGHT	Nettvekt		Nettvekt
UDX.EDXF.NETLENGTH	Not used		Not used
UDX.EDXF.NETWIDTH	Not used		Not used
UDX.EDXF.NETDEPTH	Not used		Not used
UDX.EDXF.NETDIAMETER	Not used		Not used
UDX.EDXF.REGION_OF_ORIGIN	Opprinnelsesregion		Opprinnelsesregion
UDX.EDXF.REACH	-		-
UDX.EDXF.REACH.LISTDATE	REACH dato		REACH dato
UDX.EDXF.REACH.INFO	REACH		REACH
UDX.EDXF.SURCHARGE_LIST	-		-

UDX.EDXF.SURCHARGE	-	-	-
UDX.EDXF.SURCHARGE_TYPE	Not used	Not used	Not used
UDX.EDXF.SURCHARGE_MANNER	Not used	Not used	Not used
UDX.EDXF.SURCHARGE_PERCENTAGE	Not used	Not used	Not used
UDX.EDXF.SURCHARGE_PRICE_AMOUNT	Not used	Not used	Not used
UDX.EDXF.SURCHARGE_CALCULATION	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS_WEIGHT	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS_SURCHARGE_THRESHOLD	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS_SURCHARGE_SHUTTER	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS_SURCHARGE_CREDIT	Not used	Not used	Not used
UDX.EDXF.MATERIAL_BASIS_SURCHARGE_TABLE	Not used	Not used	Not used
UDX.EDXF.PRODUCT_ETIM_DYNAMIC	-	-	-
UDX.EDXF.PRODUCT_ETIM_RELEASE_DATE	Not used	Not used	Not used
UDX.EDXF.PRODUCT_FEATURES_MC	ETIM MC is supported	ETIM MC is supported	ETIM MC is supported
UDX.EDXF.PRODUCT_CHARACTERISTICS	See explanation f)	See explanation f)	See explanation f)
PRODUCT_REFERENCE	-	-	-
PRODUCT_REFERENCE type	All types are supported	All types are supported	All types are supported
PRODUCT_REFERENCE quantity	Not used, but will be stored	Not used, but will be stored	Not used, but will be stored
PROD_ID_TO	Must reference a branch number (Enummer)	Must reference a branch number (NRF number)	Must reference a branch number (NRF number)
CATALOG_ID	Not used	Not used	Not used
CATALOG_VERSION	Not used	Not used	Not used
REFERENCE_DESCR	Not used	Not used	Not used
PRODUCT_LOGISTIC_DETAILS	-	-	-
CUSTOMS_TARIFF_NUMBER	-	-	-
CUSTOMS_NUMBER	Tolltariffnummer	Tolltariffnummer	Tolltariffnummer
STATISTICS_FACTOR	Statistikkfaktor	Statistikkfaktor	Statistikkfaktor
COUNTRY_OF_ORIGIN	Opprinnelsesland	Opprinnelsesland	Opprinnelsesland

- **MIME**

The following MIME codes are accepted. n/a denotes a MIME type that is not supported, and if provided, will be ignored. The naming of the MIME code is as the element is represented in the central database. Most image MIME types are stored under a common name, but the distinction is maintained and the correct MIME code should be provided.

Both databases will require raster images (MD01) to have a width or height equal or greater than 400px with an aspect ratio of at least 0.25 with a color depth of minimum 16. There is no upper limitation to product images. Elements in red are required MIME elements.

MIME Code	EFO	NRF
MD01	Produktbilde	Produktbilde
MD02	Produktbilde	Illustrasjonsbilde
MD03	HMS dokumentasjon	SDS (Sikkerhetsdatablad)
MD04	Produktside URL	Produktside
MD05	REACH	Reach
MD06	Energimerking	Energimerke
MD07	Produktdatablad for energimerking	Energidatablad
MD08	Kalibreringssertifikat	n/a
MD09	Sertifikat	Sertifikat
MD10	Kretsdiagram	n/a
MD11	n/a	CPR sertifikat
MD12	Målskisse	Strektegning med mål
MD13	Miljømerke	n/a
MD14	Brukermanual	Brukermanual
MD15	Lyskjeglediagram	n/a
MD16	Lysdistribusjonskurve	n/a
MD17	Logo 1c	n/a

MD18	Logo 4c	Produkt logo - merkevare
MD19	Lysdata	n/a
MD20	Produktbilde	Miljøbilde
MD21	Monteringsanvisning	Monteringsanvisning
MD22	Produktblad	Produktdatablad *
MD23	Produktbilde	Produktbilde
MD24	Produktbilde	Produktbilde
MD25	Produktbilde	Produktbilde
MD26	Produktbilde	Produktbilde
MD27	Produktbilde	Produktbilde
MD28	Produktbilde	Produktbilde
MD29	Produktbilde	Produktbilde
MD30	Produktbilde	Produktbilde
MD31	Godkjenning	SINTEF teknisk godkjenning
MD32	Teknisk manual	n/a
MD33	Testgodkjenning	SINTEF produktsertifikat
MD34	Koblingsdiagram	EL-Koblingsdiagram/skjema
MD35	Leverandørens deklarasjon av produktets opprinnelse	n/a
MD37	3D/BIM objekt	3D/BIM objekt
MD38	FDV Dokumentasjon	FDV dokument *
MD39	Instruksjonsvideo	Instruksjonsvideo
MD40	Reservedelsliste	Reservedelsliste
MD41	Salgsbrosjyre	Salgsbrosjyre
MD42	AVCP	n/a
MD43	CLP	n/a
MD44	ECOP	n/a
MD45	Produktvideo	n/a
MD46	360° visning	n/a

MD47	Automatically generated by the system on import	Automatically generated by the system on import
MD48	n/a	n/a
MD49	RoHS	ROHS
MD50	Samsvarserklæring	Samsvarserklæring
MD51	Ytelseserklæring	Ytelseserklæring *
MD52	CE Deklarasjon	CE dokument
MD53	BREEAM deklarasjon	BREEAM dokumentasjon
MD54	EPD deklarasjon	EPD Miljødeklarasjon
MD55	ETA deklarasjon	ETA – europeisk teknisk godkjenning
MD56	Garanti deklarasjon	Garanti
MD99	n/a	n/a

*** At least one of the MIME elements must be provided**

- **NRF product names**

NRF stores the product name as 3 distinct parts. These are:

- Product dimension description
- Product name and description
- Additional information

When displayed, the 3 parts are combined to produce the product name (full name). For example; given the 3 parts:

Product dimension description = “50MM x 700MM”

Product name and description = “Drain”

Additional information = “Rectangular profile”

The product name will be “50MM x 700MM Drain Rectangular profile”

BMEcat does not support this naming scheme, so the 3 elements are provided as product characteristics:

-
- NO_PRODUCT_DIMENSION_DESCRIPTION
 - NO_PRODUCT_NAME_DESCRIPTION
 - NO_PRODUCT_ADDITIONAL_TEXT

The DESCRIPTION_SHORT is a mandatory element, and will be populated with the full name along with one or more of the characteristics elements when exporting from NRF. On import, the DESCRIPTION_SHORT is only imported if none of the 3 product characteristics are provided. DESCRIPTION_SHORT is then equal to NO_PRODUCT_NAME_DESCRIPTION.

The combined length of parts 1 and 2 may not exceed 60 characters and the combined length of all 3 parts may not exceed 100 characters.

- **Transaction types**

All transaction types are supported except T_UPDATE_PRICES. The new transaction type T_NEW_PRODUCTDATA is supported, but fields that are mandatory to the branch database must be present in order for the product to be accepted and imported.

T_NEW_CATALOG is used when exporting from the branch databases.

n. PL – POLAND

- **Text fields:**

For the Polish market, the elements: DESCRIPTION_SHORT, DESCRIPTION_LONG, KEYWORD should be delivered in Polish language and may not include formatting (bold, line breaks, bullet characters ...). Allowed are all characters of the Polish character set (in UTF-8 encoding), without semicolon, quotation marks, dash and apostrophe.

- **MIME elements:**

At least one picture (MD01) is required for each product.

- **Additional elements**

There are 3 additional elements specific to the Polish market that are mandatory here:

- i. VAT-ID = Supplier should deliver his Value Added Tax Identification Number in the element "VAT_ID", in the SUPPLIER subtree.
 - ii. UDX.EDXF.BONUS_GROUP_SUPPLIER - Bonus group of the supplier (if used) should be delivered in this element.
 - iii. PL_PKWIU - Polish Classification of Products and Services 2015 value, related to the product, should be transmitted in the UDX.EDXF.PRODUCT_CHARACTERISTICS subtree. See chapter 3 for details how to use this element.
- See chapter 11 for Polish country specific UDX.EDXF.PRODUCT_CHARACTERISTICS

o. PT - PORTUGAL

- No country specific regulations for this version 4.0 of the ETIM Guidelines

p. RU – RUSSIA

- No country specific regulations for this version 4.0 of the ETIM Guidelines

q. SE - SWEDEN

- No country specific regulations for this version 4.0 of the ETIM Guidelines.

r. SI - SLOVENIA

- No country specific regulations for this version 4.0 of the ETIM Guidelines

s. SK – SLOVAKIA

- No country specific regulations for this version 4.0 of the ETIM Guidelines

t. UK – UNITED KINGDOM

- No country specific regulations for this version 4.0 of the ETIM Guidelines

3. Country specific PRODUCT_CHARACTERISTICS

In this chapter, each ETIM country organization can define specific characteristics using the element UDX.EDXF.PRODUCT_CHARACTERISTICS, in order to be better able to accommodate local needs for information that is only used for one country. To make it more flexible it should be possible to introduce new elements in between official releases. For that a dynamic document (with version date) will be published in the download section with the official guidelines on the website, listing all the defined characteristic codes per country.

a. AT – AUSTRIA

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “AT_REVERSE_CHARGE”
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “REVERSE_CHARGE_INFO”
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: “true” or “false”
Default	: “false”
Mandatory/optional	: Mandatory
Explanation	: Information if this product is subject to “reverse charge”. This information is necessary for the Austrian wholesalers for the invoices they give to their customers. The statement here is legally binding!
Example	: -

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "AT_LEISTUNGSBESCHREIBUNG"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "LEISTUNGSBESCHREIBUNG"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 4000 characters
Default	: -
Mandatory/optional	: Optional
Explanation	: According to „Bauprodukteverordnung/Building Products Guideline“. If the product is liable to this, the information is mandatory; additional a pdf-document is mandatory with the certificate.
Example	: -

b. BE – BELGIUM

No local PRODUCT_CHARACTERISTICS yet at this moment.

c. CH – SWITZERLAND

All colour variants of a product should be delivered in the BMEcat file as follows:

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “CH_Farbe”
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Farbvariante”
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 4000 characters
Default	: -
Mandatory/optional	: Optional
Explanation	: The supplier’s reference number for other products that are a colour variant of the original product

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>CH_Farbe</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Farbvariante</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>4704-2-BFM57</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>CH_Farbe</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Farbvariante</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>4704-2-BFM80</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>CH_Farbe</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Farbvariante</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>4704-2-BFM88</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

d. DE – GERMANY

No local PRODUCT_CHARACTERISTICS yet at this moment.

e. DK – DENMARK

No local PRODUCT_CHARACTERISTICS yet at this moment.

f. ES – SPAIN

No local PRODUCT_CHARACTERISTICS yet at this moment.

g. FI - FINLAND

No local PRODUCT_CHARACTERISTICS yet at this moment.

h. FR – FRANCE

No local PRODUCT_CHARACTERISTICS yet at this moment.

i. IT – ITALY

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “IT_E001”
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “BARCODE_RECIPROCAL”
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = relevant
Possible values	: 0;1;2
Default	: -
Mandatory/optional	: Mandatory
Explanation	: This field is used to describe all the types of packaging for a product. Taking the carton quantity indicated in the price list as a reference, it is possible to recognize and distinguish in this field the packages of an order: <ul style="list-style-type: none"> -greater RECIPROCAL = 2 -equal RECIPROCAL = 0 -lower RECIPROCAL = 1

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
<UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E001</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE RECIPROCAL</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>80000044323877</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E001</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE RECIPROCAL</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>0</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>80000044323884</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E001</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE RECIPROCAL</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>2</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
<UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>80000044329991</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E002"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "BARCODE_CAN_BE_OVERTURNED"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = relevant
Possible values	: "true" or "false"
Default	: "true"
Mandatory/optional	: Optional
Explanation	: The information (effectively related more to the type of product than to the type of packaging) indicates to whoever receives the goods if it is possible to overturn the package or not. When the products are cables and are transported as bundles and handled with pallets, and therefore cannot be overturned, it is determined that "false" is equivalent to bundles and "true" to spools. It can be present only if "false", otherwise "true" (can be overturned) is default.

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E002</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE_CAN_BE_OVERTURNED</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE type="gtin">80000044323877</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E002</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE_CAN_BE_OVERTURNED</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>false</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE type="gtin">80000044323884</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E002</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE_CAN_BE_OVERTURNED</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE type="gtin">80000044329991</UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E003"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "BARCODE_DATE_INTRODUCED"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : date format YYYYMMDD
Default : -
Mandatory/optional : Optional
Explanation : Only for new products (status = 1 on price list line): this field indicates the date of first availability.
The date introduced can be prior to the date of change/addition shown in the barcode header.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E003</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>BARCODE_DATE_INTRODUCED</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>20180201</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E004"
 Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_LEAD_TIME"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Indication of lead time in number of working days or weeks – see table below

Field value	LEAD DELIVERY TRANSPORT WITHIN (working days/weeks)	Field value	LEAD DELIVERY TRANSPORT WITHIN (working days/weeks)	Field value	LEAD DELIVERY TRANSPORT WITHIN (working days/weeks)	Field value	LEAD DELIVERY TRANSPORT WITHIN (working days/weeks)
1	1 day	A	2 weeks	J	11 weeks	S	20 weeks
2	2 days	B	3 weeks	K	12 weeks	T	21 weeks
3	3 days	C	4 weeks	L	13 weeks	U	22 weeks
4	4 days	D	5 weeks	M	14 weeks	V	23 weeks
5	5 days	E	6 weeks	N	15 weeks	W	24 weeks
6	6 days	F	7 weeks	O	16 weeks	X	25 weeks
7	7 days	G	8 weeks	P	17 weeks	Y	26 weeks
8	8 days	H	9 weeks	Q	18 weeks	Z	27 weeks
9	9 days	I	10 weeks	R	19 weeks		

Default : -

Mandatory/optional : Mandatory

Explanation : This field indicates the time interval (lead time) – expressed in working days or weeks– between the date of receipt of order and consignment to the carrier for orders that are not greater than the amount listed in the field "maximum quantity". The field is described using alphanumeric characters with the values as defined in the table above.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E004</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_LEAD_TIME</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>A</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E005"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_MAXIMUM_QUANTITY"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value with maximum 6 digits, no decimals (n6.0)
Default : -
Mandatory/optional : Mandatory
Explanation : This field must contain the maximum quantity of the product (expressed in the UNIT of MEASURE) that the company is able to delivery within the time defined in the "lead time" field. This amount defines, at the same time, the limit above which the reference delivery terms must be agreed to with the seller.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E005</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_MAXIMUM QUANTITY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>10000</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE> C62</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E006"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_STATISTICS_RANGE"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 18 characters
Default	: -
Mandatory/optional	: Optional
Explanation	: The statistics ranges represent a set of products for statistical purposes including all products that have the same uniform statistical criteria for the seller

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E006</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_STATISTICS_RANGE</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>C0009</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E007"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_STATISTICS_RANGE_DESC"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : free text, max. 70 characters
Default : -
Mandatory/optional : Optional, conditional: should be delivered if ITEM_STATISTICS_RANGE is delivered.
Explanation : Statistics ranges description

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E007</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_STATISTICS_RANGE_DESC</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>COMPONENTI</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E008"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_DISCOUNT_RANGE_DESC"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 70 characters
Default	: -
Mandatory/optional	: Optional, conditional: should be delivered if UDX.EDXF.DISCOUNT_GROUP_MANUFACTURER is delivered.
Explanation	: Discount ranges description. Sets for discount do not explicitly express the discount values applied; rather they refer to a code to be interpreted using a special de-codification table supplied by the seller.

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
<UDX.EDXF.PRODUCT_CHARACTERISTIC
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E008</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_DISCOUNT_RANGE_DESC</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>SPINE E PRESE</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E009"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ITEM_COMPOSITE_ITEM"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: "true" or "false"
Default	: "false"
Mandatory/optional	: Optional
Explanation	: This field indicates if the item is a single unit or if it is made of more different items sold together to make a kit or a composite product. It can be present only if "true".

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E009</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ITEM_COMPOSITE_ITEM</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E010"
 Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "QTYLOGISTIC_INCENTIVE_QUANTITY"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text, max. 70 characters
 Default : -
 Mandatory/optional : Optional
 Explanation : The quantity to be manipulated for the specified product. Always use the following format:
 Incentive Quantity, Description of incentive

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E010</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>QTYLOGISTIC_INCENTIVE_QUANTITY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>100, discount 5 % 100</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E010</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>QTYLOGISTIC_INCENTIVE_QUANTITY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>1000,discount 10 % 1000</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E010</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>QTYLOGISTIC_INCENTIVE_QUANTITY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>10000, discount 15 % 10000</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-1"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_TYPE_OF_TAX"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 20 characters
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: Identifies if an item is subject to WEEE or ROHS or other. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized)

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-1</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_TYPE_OF_TAX</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>RAEE</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>

```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-2"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_NET_WEIGHT"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value with maximum 9 digits including 3 decimals (n9.3)
Default : -
Mandatory/optional : Optional
Explanation : This is the same as the data indicated in the Metel price list. It indicates the net weight of the item unit
If the item has the Visible Fee internalized, this data is optional.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_011-2</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_NET_WEIGHT</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>15300.000</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>GRM</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-3"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_CONSORTIUM"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : free text, max. 30 characters
Default : -
Mandatory/optional : Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation : This is the ID code and description of the waste/recycling consortium, for example: ECOLIGHT; ECOLAMP; ECODOM; ECOPED; REMEDIA; RIDOMUS; VALERE; ECORIT; Or other. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized)

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-3</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_CONSORTIUM</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>ECOLIGHT</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-4"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEED_FEE_CODE"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 30 characters
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: This is the code assigned by the waste/recycling consortium for the Fees that must be applied to the products (the list must be supplied by the waste consortium). The FEE code must be a unique code for the consortium and must be communicated to Metel. This code allows a unique link to be identified between the consortium and the type of tax. If the item is subject to WEEE but the amount of the FEE is not indicated, "NV" must be entered in the field. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized).

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-4</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEED_FEE_CODE</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>PF01</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>

```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-5"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_FEE_DESCRIPTION"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : free text, max. 70 characters
Default : -
Mandatory/optional : Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation : This is a description of the fee issued by the company that issues the price list. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized).

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-5</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_FEE_DESCRIPTION</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>APPARECCHI PER IL CONDIZIONAMENTO</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-6"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_FEE_QUANTITY"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: Number value with maximum 5 digits, no decimals (n5.0)
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: This is the number of times the fee must be applied for the specific item number. A typical example is when there are more than one light bulbs for the same light fixture. The unit of measure of the Fee must always refer to the individual unit of the price list, as called for in the order document quantity. The unit of measure is therefore C62= one (unit). It is Mandatory if the item has the Visible Fee (NOT internalized), otherwise is Optional.

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-6</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_FEE_QUANTITY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>150</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>C62</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>

```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-7"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_FEE_INDIVIDUAL_AMOUNT"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: Number value with maximum 8 digits including 4 decimals (n8.4)
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: This is the amount in euros of the individual fee applied to the product. If the quantity of the fee is other than 1, the amount that is the product of the multiplication will be expressly indicated on the invoice: Fee Quantity x Fee = Total Fee Applied to Product. It is Mandatory if the item has the Visible Fee (NOT internalized), otherwise is Optional.

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_011-7</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_FEE_INDIVIDUAL_AMOUNT</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1500.0000</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-8"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_FEE_PERCENTAGE"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: Number value with maximum 7 digits including 4 decimals (n7.4)
Default	: -
Mandatory/optional	: Optional. It can be present if an item is subject to WEEE or ROHS or other.
Explanation	: This is the fee percentage in % applied to the product price. This field has been included to complete the file structure, but at this time there are no elements that define its use.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_011-8</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_FEE_PERCENTAGE</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1.5400</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-9"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_SUBJECT_TO_VAT_OR_EXEMPT"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 3 characters
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: This identifies the VAT if the fee is subject to VAT. It indicates the VAT rate and is left aligned. If the rate is not specified, the exemption code must be entered. The exemption code/description is shown in the table on the Metel invoice. It will be possible in the future to update the description indicated in the Metel User Manual. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized)

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-9</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_SUBJECT_TO_VAT_OR_EXEMPT</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>022</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-10"
 Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_MERCHANDISE_CATEGORY"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text, max. 70 characters
 Default : -
 Mandatory/optional : Optional. It can be present if an item is subject to WEEE or ROHS or other.
 Explanation : This field identifies the merchandise category indicated by law.

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  ↓
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-10</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_MERCHANDISE_CATEGORY</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>1B</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
  
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "IT_E011-11"
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ECOFEE_ISCRIPTION_NUMBER"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 20 characters
Default	: -
Mandatory/optional	: Optional, conditional. It should be present if an item is subject to WEEE or ROHS or other.
Explanation	: This field identifies the National Registry Inscription number indicated by law. Always Mandatory both for Visible (not internalized) and NOT Visible fee (internalized).

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>IT_E011-11</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ECOFEE_ISCRIPTION_NUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>1000000000123</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

j. LT – LITHUANIA

No local PRODUCT_CHARACTERISTICS yet at this moment.

k. NA – NORTH AMERICA (USA/CANADA)

No local PRODUCT_CHARACTERISTICS yet at this moment.

I. NL – NETHERLANDS

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NL_002-1”
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “DIN-number”
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value
Default : -
Mandatory/optional : Optional
Explanation : This field is used for the Dutch shipbuilding sector

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_002-1</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>DIN-number</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_002-2"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ISO-number"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value
Default : -
Mandatory/optional : Optional
Explanation : This field is used as for the Dutch shipbuilding sector

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_002-2</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>ISO-number</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>500</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_004"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Single use quantity"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value
Default : -
Mandatory/optional : Optional
Explanation : This field is used to describe the quantity of the smallest usable object (tube, screw, plate, tube,...), expressed in the unit of use. For example, if you order 10 plastic tubes of each 4 meter, the smallest usable object is 4 meters.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_004</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> Single use quantity </UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>4</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>MTR</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NL_005”
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “List date_SDS”
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Date in format YYYY-MM-DD
Default : -
Mandatory/optional : Optional
Explanation : This field is an addition to the standard “SPECIAL_TREATMENT_CLASS” field, to define the list date of the Safety Data Sheet, if relevant.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_005</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> List date_SDS</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_STRING>2018-05-31</UDX.EDXF.PRODUCT_CHARACTERISTIC_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_006"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Country of production origin"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Country codes according to ISO-3166-1 (alpha 2)
Default : -
Mandatory/optional : Mandatory
Explanation : This field indicates the country where the product is manufactured

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_006</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> Country of production origin </UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING >AD</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING >  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_007"
 Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Delivery time"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_FROM
 UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_TO
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value, allowed unit codes: WEE; DAY; HUR
 Default : -
 Mandatory/optional : Optional
 Explanation : This field is used to specify the expected minimum and maximum lead time between order and delivery time in weeks, calendar days or hours.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_007</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Delivery time</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_FROM>1</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_FROM >
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_TO>5</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_RANGE_TO >
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>DAY</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_008"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Long ERP description"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Free text, max. 256 characters, should not contain HTML tags, font formatting (bold, italic, underline, ...)
Default : -
Mandatory/optional : Optional
Explanation :

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_008</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Long ERP description</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>This field is used for a long marketing description  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_009"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Supplier_IDref"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : GLN of the supplier (Global Location Number) as issued by GS1; 13 characters
Default : -
Mandatory/optional : Optional
Explanation : This field is needed on product level to be able to exchange (from a central database) catalogs of different suppliers and/or manufacturers in a single file

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_009</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> Supplier_IDref </UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>8712507900029</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_010"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Manufacturer_IDref"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : GLN of the manufacturer (Global Location Number) as issued by GS1; 13 characters
Default : -
Mandatory/optional : Optional
Explanation : This field is needed on product level to be able to exchange (from a central database) catalogs of different suppliers and/or manufacturers in a single file

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_010</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> Manufacturer_IDref </UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>8712507900014</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_011"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Purchase group"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Free text, max. 50 characters, should not contain HTML tags, font formatting (bold, italic, underline, ...)
Default : -
Mandatory/optional : Optional
Explanation : This field describes the purchase group used by the manufacturer, supplier or wholesaler. The purchase group defines a part of the assortment in order to download a selection

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_011</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Purchase group</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>Bulbs</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_012"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Orderable indicator"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : "true" or "false"
Default : "true"
Mandatory/optional : Mandatory
Explanation : Code expressing that the trade item is an orderable unit

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_012</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Orderable indicator</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_BOOLEAN>>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_013"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "CE indicator"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : true or false
Default : -
Mandatory/optional : Optional
Explanation : This field indicates the availability of the CE-mark according to the EU-regulations

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_013</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>CE indicator</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NL_014”
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Fragile on package”
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : true or false
Default : -
Mandatory/optional : Optional
Explanation : Code that indicates whether the package contains fragile product(s)

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_014</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Fragile on package</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_015"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Best before date on package"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : true or false
Default : -
Mandatory/optional : Optional
Explanation : This field indicates whether product has a "best before date"

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_015</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Best before date on package</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>false</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NL_016-1”
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Cuttable indicator”
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : true or false
Default : -
Mandatory/optional : Optional
Explanation : This field indicates whether the product is cuttable, if you choose “true” (yes), then you have to fill in NL_016-2 Maximum cutting length.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_016-1</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Cuttable indicator</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>false</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_016-2"
 Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Maximum cutting length"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC_
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value, allowed unit codes: CMT; MMT; MTR
 Default : -
 Mandatory/optional : Optional
 Explanation : The maximum length in which a product can be cut

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_016-2</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Maximum cutting length</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>20</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>CMT</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_017"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Contains Batteries"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : true or false
Default : -
Mandatory/optional : Optional
Explanation : This field indicates whether the package contains batteries (one or more)

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_017</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Contains batteries</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>false</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_018"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Code VAT rate"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : E (exempt from VAT); S (standard VAT)
Default : -
Mandatory/optional : Optional
Explanation : This field indicates the VAT category

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_018</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Code VAT rate</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
<UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>S</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NL_019"
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "ROHS indicator"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Y(es), N(o), E(exempted)
Default : -
Mandatory/optional : Optional
Explanation : This field indicates whether the product restricts the use of "hazardous substances" (ROHS) according to the EU-regulations

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_019</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME> ROHS indicator </UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>Y</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NL_020”
Name : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “UNSPSC code”
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : 8 digit code
Default : -
Mandatory/optional : Optional
Explanation : The United Nations Standard Products and Services Code (UNSPSC) is a taxonomy of products and services for use in eCommerce. It is a four-level hierarchy coded as an eight-digit number

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NL_020</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>UNSPSC Code</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING> 44121903</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
```

m. NO – NORWAY

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NO_SUPPLIER_HEADING”
Name electrical (EFO)	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Leverandørens overskrift”
Name HVAC (NRF)	: Not used
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 64 characters
Default	: -
Mandatory/optional	: Mandatory
Explanation	: -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_SUPPLIER_HEADING</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Leverandørens overskrift</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>EMC/VD Frekvensomformer kabel, symmetrisk type.</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_SUPPLIER_GROUPNAME"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Leverandørens varegruppe"
 Name HVAC (NRF) : Not used
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_SUPPLIER_GROUPNAME</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Leverandørens varegruppe</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>Kabler og ledninger</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_SUPPLIER_MAINGROUP"
Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Leverandørens hovedgruppe"
Name HVAC (NRF) : Not used
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : free text
Default : -
Mandatory/optional : Optional
Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTIC S>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_SUPPLIER_MAINGROUP</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Leverandørens hovedgruppe</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>Sikringsmaterie</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTIC S>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_HAS_SERIALNUMBER"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Serienummer"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : "true" or "false"
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTIC>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_HAS_SERIALNUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Serienummer</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
</UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
  
```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NO_REQUIRES_MD38”
Name electrical (EFO)	: Not used
Name HVAC (NRF)	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Krever FDV/DDV”
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: “true” or “false”
Default	: “true”
Mandatory/optional	: Mandatory
Explanation	: If not supplied, true is assumed and a MIME element with the code MD38 must be assigned to the product

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_REQUIRES_MD38</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Krever FDV/DDV</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_NAME"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Produktnavn"
 Name HVAC (NRF) : Not used
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_SALES_TEXT1"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Selgende varetekst"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Selgende varetekst 1"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_SALES_TEXT2"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Selgende varetekst 2"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_UNSPSC_NUMBER"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "UNSPSC"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "UNSPSC"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : 8 digits
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_UNSPSC_NUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>UNSPSC</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>26131809</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_MANUFACTURER_LIST"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Produsent(er)"
 Name HVAC (NRF) : Not used
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : -
 Default : -
 Mandatory/optional : Optional
 Explanation : -
 Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_CERTIFICATE_TEXT"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Sertifikat"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Sertifikat"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -
 Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_WIDTH"
Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Bredde"
Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Bredde"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = MMT
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value
Default : -
Mandatory/optional : Optional
Explanation : Width in millimeter

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_WIDTH</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Bredde</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>180.45</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>MMT</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_HEIGHT_DIAMETER"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Høyde/diameter"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Høyde"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = MMT
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Optional
 Explanation : Height/diameter in millimeter

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_HEIGHT_DIAMETER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Høyde/diameter</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>130.00</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>MMT</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_LENGTH"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Lengde"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Lengde"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = MMT
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Optional
 Explanation : Length in millimeter

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_LENGTH</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Lengde</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>230.50</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>MMT</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
  
```


Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_WEIGHT"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Vekt"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Vekt per prisenhet"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = GRM
 Unit HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = KGM
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Optional
 Explanation : Product weight in gram (EFO) or kilogram (NRF)

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_WEIGHT</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Vekt per prisenhet</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1.45</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>KGM</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_EFO_BLOCKNUMBER"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "EFO Blokknummer"
 Name HVAC (NRF) : Not used
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Mandatory
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_EFO_BLOCKNUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>EFO Blokknummer</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>339801</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_NOBB_GROUP_NUMBER"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "NOBB varegruppe"
 Name HVAC (NRF) : Not used
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_NRF_GROUP_NUMBER"
 Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "NRF varegruppe"
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Varegruppe 3"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : Number value
 Default : -
 Mandatory/optional : Mandatory for NRF/ Optional for EFO
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_NRF_GROUP_NUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Varegruppe 3</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>1001000 - Sorte gjengede stålrør</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_DIMENSION_DESCRIPTION"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Dimensjon/størrelse"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text, max. 60 characters
 Default : -
 Mandatory/optional : Optional
 Explanation : See section "NRF product names" in Norwegian country specific regulations in chapter 10

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_NAME_DESCRIPTION"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Prod.navn og beskrivelse"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text, max. 60 characters
 Default : -
 Mandatory/optional : Mandatory
 Explanation : See section "NRF product names" in Norwegian country specific regulations in chapter 10

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_ADDITIONAL_TEXT"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Tilleggsopplysninger"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text, max. 40 characters
 Default : -
 Mandatory/optional : Optional
 Explanation : See section "NRF product names" in Norwegian country specific regulations in chapter 10

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_MANUFACTURER_PRODUCT_NAME"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Produsentens varetekst"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : free text
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_MANUFACTURER_PRODUCT_NAME</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Produsentens varetekst</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>1/4" SORTE GJENGEDE STÅLRØR, SVEISTE NS 5587</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_HAS_BATCHNUMBER"
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Batchnummer"
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : "true" or "false"
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_HAS_BATCHNUMBER</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Batchnummer</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_VOLUME"
Name electrical (EFO) : Not used
Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Volum per prisenhhet"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = DMQ
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : Number value
Default : -
Mandatory/optional : Optional
Explanation : Product volume per price unit in cubic decimeter.

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_VOLUME</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Volum per prisenhhet</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>20.60</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_NUMERIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>DMQ</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NO_PRODUCT_SEGMENT”
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Fagområde”
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : VVS, VA, Industri, Offshore/Marine, Verktøy/Verneutstyr, VVS/VA, Samferdsel
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_SEGMENT</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Fagområde</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>Industri</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “NO_ENVIRONMENT_SURCHARGE”
 Name electrical (EFO) : Not used
 Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “Miljøavgift”
 Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
 Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
 Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
 Possible values : “true” or “false”
 Default : -
 Mandatory/optional : Optional
 Explanation : -

Example : -

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_ENVIRONMENT_CERTIFICATION"
Name electrical (EFO) : Not used
Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Miljømerket"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : "true" or "false"
Default : -
Mandatory/optional : Optional
Explanation : -

Example : -

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PACKING_UNIT_IRRELEVANT"
Name electrical (EFO)	: Not used
Name HVAC (NRF)	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Forpakning ikke relevant"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: m-pak; d-pak; t-pak
Default	: False
Mandatory/optional	: Mandatory
Explanation	: Indicates that the packing unit is not relevant for this product. The value must be the name of the packing unit that is absent. Possible values are "m-pak", "d-pak" or "t-pak". This characteristic must be repeated once for each packing type that is irrelevant. For each packing type that is not referenced, a value of false is assumed and the relevant packing type must be provided

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PACKING_UNIT_IRRELEVANT</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Forpakning ikke relevant</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>m-pakt</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_SELECT>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PACKING_UNIT_PALLET"
Name electrical (EFO)	: Not used
Name HVAC (NRF)	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Leveres på Europall"
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: "true" or "false"
Default	: -
Mandatory/optional	: Optional
Explanation	: Indicates that the packing unit is delivered on an Euro pallet. Use the element UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN to reference the packing unit this applies to. At the moment, only T-pak is supported, but other packing types may be added later

Example:

```

<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PACKING_UNIT_PALLET</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Leveres på Europall</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>true</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>

```

Code : UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = "NO_PRODUCT_UNAVAILABLE"
Name electrical (EFO) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Ikke tilgjengelig"
Name HVAC (NRF) : UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = "Ikke klart for salg"
Value type : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN
Unit : UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN : UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values : "true" or "false"
Default : -
Mandatory/optional : Optional
Explanation : -

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>  
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>NO_PRODUCT_UNAVAILABLE</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>Ikke tilgjengelig</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>  
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>>false</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_BOOLEAN>  
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>  
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

n. PL – POLAND

Code	: UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE = “PL_PKWIU”
Name	: UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME = “PKWIU 2015”
Value type	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING
Unit	: UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_UNIT_CODE = not relevant
Reference GTIN	: UDX.EDXF.PRODUCT_CHARACTERISTIC_REFERENCE_GTIN = not relevant
Possible values	: free text, max. 4000 characters
Default	: -
Mandatory/optional	: Mandatory
Explanation	: Should contain the PKWIU code related to the product

Example:

```
<UDX.EDXF.PRODUCT_CHARACTERISTICS>
  <UDX.EDXF.PRODUCT_CHARACTERISTIC>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>PL_PKWIU</UDX.EDXF.PRODUCT_CHARACTERISTIC_CODE>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>PKWIU 2015</UDX.EDXF.PRODUCT_CHARACTERISTIC_NAME>
    <UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING> 27.51.15.0</UDX.EDXF.PRODUCT_CHARACTERISTIC_VALUE_STRING>
  </UDX.EDXF.PRODUCT_CHARACTERISTIC>
</UDX.EDXF.PRODUCT_CHARACTERISTICS>
```

o. PT – PORTUGAL

No local PRODUCT_CHARACTERISTICS yet at this moment.

p. RU – RUSSIA

No local PRODUCT_CHARACTERISTICS yet at this moment.

q. SE – SWEDEN

No local PRODUCT_CHARACTERISTICS yet at this moment.

r. SI – SLOVENIA

No local PRODUCT_CHARACTERISTICS yet at this moment.

s. SK - SLOVAKIA

No local PRODUCT_CHARACTERISTICS yet at this moment.

t. UK – UNITED KINGDOM

No local PRODUCT_CHARACTERISTICS yet at this moment.

4. Change Log to previous version

In this chapter, all changes related to the corresponding chapters in ETIM BMEcat guideline version 4.0 will be logged and described.

Country specific regulations

- Added sections for new member countries Portugal and Slovenia.

NL - THE NETHERLANDS

- Added PRODUCT_REFERENCE “predecessor”

PL – POLAND

- Added requirement for MIME elements

Country specific PRODUCT_CHARACTERISTICS

- Added sections for new member countries Portugal and Slovenia.

NL - THE NETHERLANDS

- NL_005: changed to “List date_SDS”
- NL_007 and NL_008: corrected spelling error in code
- Added new elements NL_011 to NL_020

PL – POLAND

- Changed example