



## User Guide BMECat 2005 for the creation of electronic Catalogs for E.ON Corporation

Version 1.2 (Updated 19.04.2010)

This document describes the generation and usage guidelines for catalog data formatted in BMECat 2005 for the eProcurement platform accessible on the E.ON intranet. This document is not meant to replace the BMECat 2005 specifications, but adds additional requirements. Further, it declares several former OPTIONAL elements as REQUIRED fields, if those are needed in the ordering process of the ERP system. In addition to the requirements in this documentation, all catalog data has to be valid under the specifications of the BMECat 2005 standard and its DTDs and the W3C Recommendation for XML data. Thus, only a subset of the fields described in BMECat are covered here.

A given product catalog is valid for utilization in E.ONs E-Procurement catalog if it adheres to the specifications listed here in addition to the required fields described in the BMECat 2005 specification. Any further data elements not mentioned here are not recognized by the catalog-software and are therefore not available in order transactions via this application.

This description refers to the BMECat transaction T\_NEW\_CATALOG, but also applies analogously to other BMECat transactions. Any new catalogs and updates to existing catalogs for use with E.ON should only use the transactions described in BMECat.

Parts of this document are based on the BMECat standard 2005, copyright 1998-2001, Fraunhofer IAO and the University of Essen BLI.

Errors in the Standards BMECat and eClass (for example insufficient category attributes) lie in the responsibility of the committees for BMECat and eClass. For further development of these standards, we would ask you to send us copies of any notes of such errors.

Sources:

BMECat <http://www.bmecat.org>

eClass: <http://www.eclass.de>

XML: <http://www.w3.org/XML>

You will find the most recent version of this document as well as example catalogs to download on this site:

<http://www.wiscore.de/eon>

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#### Change Log

Date	Version	Editor	Changes
2007-03-20	1.0	Lars Karschen	Initial Version, translated from German version 1.0
2007-11-14	1.1	Lars Karschen	Minor corrections
2010-04-19	1.2	Thomas Wahle	Adding E.ON Slovakia to description of REMARKS

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## 1 Online-Validation

You can validate your catalog data using our online-validation (<http://www.wiscore.de/eon>). Please confirm that your catalogs are valid before you send them to us.

## 2 Naming Conventions

Please use the following naming convention when sending catalog-files:

<supplier-name>\_<yyyymmdd>.xml

Example: *wisconsult\_20010723.xml*

If you send us zip-compressed catalog data, please make sure the archive has the same name as the included file and has the proper ending (i. E. "zip").

In case you send us more than one catalog file on the same day, make sure you number them consecutively:

<supplier-name>\_<yyyymmdd>-<nr>.<file-type>

Example: *wisconsult\_20010808-2.xml / wisconsult\_20010808-2.zip*



Please use only alphanumeric characters, underscores or hyphen for the file name. Do not use any umlauts or non-alphanumeric characters (including space).

## 3 Usage of Fileheader for Catalog-Data

According to BMECat and W3C Recommendation

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<!DOCTYPE BMECAT SYSTEM "bmecat_2005_tnc.dtd">
```

```
<BMECAT version="2005" xmlns="http://www.bmecat.org/bmecat/2005fd">
```

## 4 Usage of path names/directories in Mime\_Root and Mime\_Source

In Addition to the remarks for MIME\_ROOT and MIME\_SOURCE elements, please use a reasonable directory structure for the different mime objects.

Example:

```
<MIME_ROOT>supplierxy/mimes/</MIME_ROOT>
```

Please use this structure when sending us volumes with the corresponding mime-objects, for Example:

```
supplierXY/mimes/pictures/normal/manufacturer1/all „normal“ pictures of manufacturer1.jpg
```

...

```
supplierXY/mimes/pictures/normal/manufacturerN/all „normal“ pictures of manufacturerN.jpg
```

```
supplierXY/mimes/pictures/thumbnail/manufacturer1/all „thumbnail“ pictures of manufacturer1.jpg
```

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...  
supplierXY/mimes/pictures/thumbnail/manufacturerN/all „thumbnail“ pictures of manufacturerN.jpg

supplierXY/mimes/factsheets/manufacturer1/all factsheets of manufacturer1.pdf

...  
supplierXY/mimes/factsheets/manufacturerN/all factsheets of manufacturerN.pdf

Use those paths in your catalog data accordingly:

<MIME\_SOURCE>pictures/normal/manufacturer1/sample\_picture\_of\_manufacturer1.jpg</MIME\_SOURCE>

and

<MIME\_SOURCE>factsheet/manufacturer1/sample\_factsheet\_of\_manufacturer1.pdf</MIME\_SOURCE>

respectively.



Please note that all path names are case-sensitive. Use the same upper and lower case in your volumes as the catalog data to ensure proper display of all mime objects.

## 5 Transition from BMECat 1.2 to BMECat 2005

The elements described in this Document define the usage of the new elements included in BMECat 2005. With a few exceptions, the elements used in BMECat 1.2 are still valid, though deprecated. We recommend you to use the new elements if possible, coming updates to BMEcat will not include the old elements. In general, the changes include the transition from ARTICLE\_...-elements to PRODUCT\_...-elements, but there are a few other optional changes. Chapter 6 describes the new usage, specific changes from BMECat 1.2 to BMECat 2005 are labeled accordingly.








Please take note of those changes in particular

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## 6 Usage of BMECat 2005 / eClass 5.1

Element	Usage
<b>HEADER / CATALOG</b>	Any XML-File must have a reference to the used encoding (UNICODE UTF-8) and it's referenced DTD. Please use the standard BMECat 2005 DTDs only.
LANGUAGE	According to BMECat, („DEU“, „CZE“, „HUN“, „DUT“)
CATALOG_ID 	According to BMECat; never change the initial ID without prior consultation. Do not use any special characters, spaces or umlauts for the Catalog_ID.
CATALOG_VERSION 	According to BMECat: for a new catalog, use a new version number and always assign it in ascending order. Do not use any special characters, spaces or umlauts for the Catalog_Version.
CATALOG_NAME	According to BMECat but required; never change the initial name without prior consultation
TERRITORY	According to BMECat, („DE“, „CZ“, „HU“, „IT“, „NL“)
CURRENCY	According to BMECat, („EUR“, „CZK“, „HUF“)
MIME_ROOT 	<p>According to BMECat; use relative paths only, according to the mime objects on the volume (no paths like: „\\myServer\pictures\.“ or „http://someserver.com/pictures.“).</p> <p>If the picture "article4711.jpg" has the path "supplierXY/mimes/" on your CD, choose "supplierXY/mimes" for MIME_ROOT and "article4711.jpg" for MIME_SOURCE.</p> <p>Alternatively, leave MIME_ROOT empty and specify the complete path for every article, in that case ""supplierXY/mimes/article4711.jpg".</p> <p>Always use the same upper and lower case in MIME_ROOT and MIME_SOURCE according to the path names on your volume. Do not use double backslashes and do not use http-URLs or absolute paths.</p> <p>Do not alter a chosen path/directory for the mime objects without consultation. Change the names of mime objects only after consultation to avoid redundancy.</p>
<b>HEADER / BUYER</b>	
BUYER_NAME	Fill this field with „E.ON AG“
<b>HEADER / AGREEMENT</b>	
AGREEMENT_ID 	Fill this Field with the E.ON Agreement ID (request your ID if unknown). Do not change this value.
AGREEMENT_START_DATE 	According to BMECat. The previous DATETIME-element is deprecated, please use the new AGREEMENT_START_DATE element instead.







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AGREEMENT_END_DATE	According to BMECat, analogous to previous element
 BMECat 2005	
HEADER / SUPPLIER	Please use the integrated SUPPLIER-elements for defining the Supplier. The new element group PARTIES is currently not supported
 BMECat 2005	
SUPPLIER_ID	Different from BMECat, this field is MANDATORY. Fill with type="duns". The corresponding Dun & Bradstreet-Number is available on request.
	
SUPPLIER_NAME	According to BMECat; do not change this value without prior consultation.  When first determining the supplier_name, please note that the supplier name is part of the article overview. You do not have to fill in the complete company name. Choose a short name, for example Wiscore rather than ThyssenKrupp Wiscore GmbH.
	
ADDRESS / CONTACT	Different from BMECat, this field is MANDATORY and has to contain the suppliers contact person. Fill with "First name Surname" without comma.
ADDRESS / PHONE	Fill this field with the phone number of the contact person.
ADDRESS / EMAIL	Fill this field with the mail address of the contact person. Do not use <a href="mailto:">mailto:</a> .
T_NEW_CATALOG	
TNC / CLASSIFICATION_SYSTEM	Not applicable, the eClass 5.1 classification system is used.
TNC / CATALOGGROUP_SYSTEM	Not applicable, the eClass 5.1 catalog structure is used.
TNC / PRODUCT	Mode „new“, „update“ or „delete“ according to TRANSACTION, here: description for "new" and T_NEW_CATALOG only.
SUPPLIER_PID	According to BMECat; orders in the catalog software refer to the supplierPID, choose an unique ID for every article. Part numbers for article variants (VARIANTS) are not supported, please do not use article variants. Due to subsequent systems, this field should not exceed 22 characters.  Do not use any special characters or umlauts for the SupplierPID.  Please note: Through an Interface between E.ON and cc-chemplore, catalog data can be exchanged (only usable for E.ON organisations). The maximum field length for the SUPPLIER_PID is 18 characters. Please refer to your E.ON Lead Buyer, whether your catalog data is also used via cc-chemplore, and keep this limitation in mind.
 BMECat 2005	

Formatiert




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TNC / PRODUCT / PRODUCT_DETAILS	
DESCRIPTION_SHORT 	According to BMECat; the field length should not exceed 200 characters, the description should sufficiently describe the article (i.e. color, dimensions etc. should be included).
DESCRIPTION_LONG	According to BMECat; all relevant product information should be included (including the information from FNAME/FVALUE Tags). Articles with differing order units and content units, which are not specified through ORDER_UNIT, CONTENT_UNIT and NO_CU_PER_OU should be mentioned in the long description (e.g. 1 packet copying paper, 500 sheets per packet). The first 1500 characters are included in the search, please put important information at the beginning of the description.
INTERNATIONAL_PID type=ean / EAN 	<a href="#">According to BMECat; The new definition INTERNATIONAL_PID will be used in future versions, EAN is deprecated, please use the new definition instead.</a>
BUYER_PID type= 	If known, fill with appropriate Central SAP Material Code for E.ON Energy or E.ON Ruhrgas. Fill attribute "type" with the valid values defined in Chapter 7
MANUFACTURER_PID 	EXPECTED field, fill with appropriate manufacturer PID if possible. Due to subsequent systems, this value should not exceed 40 characters.
MANUFACTURER_NAME	EXPECTED field, fill with manufacturer name if appropriate. Due to subsequent systems, this value should not exceed 10 characters..
DELIVERY_TIME 	EXPECTED field, due to subsequent systems, this value should not exceed 5 digits. <a href="#">This element is deprecated. Please use the new element LEADTIME in PRODUCT_LOGISTIC_DETAILS/DELIVERY_TIMES</a>
SPECIAL_TREATMENT_CLASS 	According to BMECat, identifies article as dangerous substance. Fill „type“-attribute with ADR, GGVS or GGVE as specified for dangerous substances. Every article with a non-empty field will be marked as dangerous substance in the application. In that case you must attach at least the "EU material safety data sheet" and if available the "Standard operating instructions" as MIME.  Use „data_sheet“ as MIME_PURPOSE  In compliance with to the Ordinance on Hazardous Substances, an up-to-date safety data sheet according to the preparation guide line must be attached (MIME).  The operating instruction attachment (MIME) can be provided as a sample, derived from the instructions made up by the supplier/manufacturer for its own personnel for handling the product.
KEYWORD	OPTIONAL field, please fill with descriptive Keywords for the article. These can be provided either by E.ON or the supplier (for example: mobile or handy for cell phone).

REMARKS	Only internally used by E.ON Czech and Slovakia. Please do not fill in any values.
SEGMENT	According to BMECat Should be filled with "SERVICE" to indicate that the item is part of the segment "Services" – otherwise please don't use or left blank
PRODUCT_STATUS type="core_product"  BMECat 2005	According to BMECat; products in stock can be labeled as such by using <PRODUCT_STATUS type="core_product">1</PRODUCT_STATUS> (user can sort or search this field). Other PRODUCT_STATUS are currently not supported.
<b>TNC / PRODUCT / PRODUCT_FEATURES</b>	
REFERENCE_FEATURE_SYSTEM_NAME	MANDATORY, fill with "ECLASS-5.1"
REFERENCE_FEATURE_GROUP_ID 	MANDATORY, this field is to be filled with the associated eClass category-ID. Please note: the id should be provided without dashes, i.e. use "24110301" instead of "24-11-03-01". Additionally, do not use eClass-codes ending with "00".
<b>TNC / PRODUCT / PRODUCT_FEATURES / FEATURE</b>	
FNAME 	According to eClass 5.1 Features Please note: You have to provide the primary key (IDMM) of the given feature (e.g. AAA678001 for feature "Number of heating stages). The notation is CASE-SENSITIVE. According to the DTD for BMECat, you have to provide at least one feature (FNAME/FVALUE-pair) when using the OPTIONAL element FEATURE (changed since BMECat 1.01).
FVALUE 	According to eClass 5.1; use either a value for this feature FNAME (e.g. 3 for the number of heating stages) or a primary key (IDWE, e.g. AAA133001 for 11mm) from the eClass-Attribute-Value-Table. If a value is given, it uses either the associated unit or no unit (as in number of heating stages). The notation is CASE-SENSITIVE!
FUNIT 	If no unit is provided, the default unit for this eClass-feature is used. In addition to the units allowed by eClass, you can use the additional units according to appendix 5.3 (but only in the exact notation as provided).
<b>TNC / PRODUCT / PRODUCT_ORDER_DETAILS</b>	
ORDER_UNIT 	According to BMECat Please note: To ensure automatic processing of the catalog, use only allowed ISO-codes according to the appendix.
CONTENT_UNIT 	According to BMECat but REQUIRED if NO_CU_PER_OU is used. Please note: To ensure automatic processing of the catalog, use only allowed ISO-codes according to the appendix.
NO_CU_PER_OU	According to BMECat but REQUIRED if CONTENT_UNIT is used.

PRICE_QUANTITY 	According to BMECat. This field specifies the amount of order units, for which the price is defined. Its purpose is not to specify the minimum order quantity or the amount of content units in a order unit.
QUANTITY_MIN 	According to BMECat Please note: This value controls the minimum amount a catalog-user can order of this item. It is checked before the shopping cart is submitted.
QUANTITY_INTERVAL 	According to BMECat Please note: This value is displayed to the catalog user. It is not guaranteed that orders are placed that differ from this value.
<b>TNC / PRODUCT / PRODUCT_PRICE_DETAILS</b>	
VALID_START_DATE  <small>BMECat 2005</small>	<a href="#">According to BMECat. The previous definition as DATETIME is deprecated, please use the new element VALID_START_DATE instead.</a>
VALID_END_DATE  <small>BMECat 2005</small>	<a href="#">According to BMECat. Analogous to prevois element.</a>
<b>TNC / PRODUCT / PRODUCT_PRICE_DETAILS / PRODUCT_PRICE</b>	Only use price_type="net_customer"
PRICE_AMOUNT	According to BMECat Please note: Period is decimal separator. Always use at least two decimal digits (5.00 instead of 5).
PRICE_CURRENCY	According to BMECat Please note: Prices must be specified in Euro.
TAX	MANDATORY-Field. TAX must be filled correctly to ensure processing in following sytems. Please note: Period is decimal separator instead of comma, "0.16" corresponds to 16 of hundred.
LOWER_BOUND	According to BMECat
<b>TNC / PRODUCT / PRODUCT_LOGISTIC_DETAILS</b>	
LEADTIME  <small>BMECat 2005</small>	<a href="#">EXPECTED field, due to subsequent systems, this value should not exceed 5 digits. Use this element instead of the former DELIVERY_TIME element.</a>
<b>TNC / PRODUCT / MIME_INFO / MIME</b>	
MIME_TYP	According to BMECat but required if MIME_SOURCE is used.
MIME_SOURCE	According to BMECat; all filenames in lower case – identical notation required for MIME_ROOT / MIME_SOURCE and file names.
MIME_DESCR 	According to BMECat;This text will be displayed to the catalog user as label for the linked file. Please use a meaningful description.

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<p>MIME_PURPOSE</p>  	<p>According to BMECat but required if MIME_SOURCE is used.</p> <p>The standard picture must be of the type "normal". Any article can only have one MIME with MIME_PURPOSE="normal". Every article should have a standard picture.</p> <p>If no picture with purpose "normal" is defined for an article, no picture will be displayed in the detail view.</p> <p>Format restrictions: JPEG with 24 bit colour depth, resolution 72 dpi, default size: 280*350 pixels.</p> <p>(The size of additional pictures and documents should stay in a reasonable scope – please don't include very big PDFs or high resolution images)</p>
<p><b>TNC / PRODUCT / PRODUCT_REFERENCE</b></p>	<p>According to BMECat</p>
<p>PROD_ID_TO</p>  <p><small>BMECat 2005</small></p>	<p>According to BMECat</p>
<p>CATALOG_ID</p>	<p>According to BMECat; only references to articles within this catalog and version are allowed.</p>
<p>CATALOG_VERSION</p>	<p>According to BMECat; only references to articles within this catalog and version are allowed.</p>
<p><b>TNC / PRODUCT_TO_CATALOGGROUP_MAP</b></p>	<p>Not used, cp. PRODUCT_FEATURES / REFERENCE_FEATURE_SYSTEM_NAME and REFERENCE_FEATURE_GROUP_IP</p>



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## 7 Appendix

### Allowed values for BUYER\_PID

eea_zen_mat	Central SAP Material Code E.ON Energie AG
emi_zen_mat	SAP Material Code E.ON Mitte
erg_zen_mat	SAP Material Code E.ON Ruhrgas
ewa_zen_mat	SAP Material Code E.ON Westfalen Weser

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ISO Codes for ORDER\_UNIT and CONTENT\_UNIT

ISOCODE	ISOTXT
97	Hobbock
BE	Bundle
BG	Bag
BJ	Bucket
BO	Bottle
BX	Box
CA	Can
CMT	Centimeter
CR	Crate
CS	Case
CT	Carton
DR	Drum
GRM	Gram
HUR	Hour
KGM	Kilogram
LEF	Leaf
LTR	Litre
MC	Microgram
MGM	Milligram
MLT	Millilitre
MTK	Square meter
MTR	Meter
PA	Packet
PCE	Piece
PD	Pad
PF	Pallet
PK	Package
PR	Pair
RO	Roll
SET	Set
ST	Sheet
TU	Tube
VQ	Bulk
WEE	Week

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### Alternative units of measurement in FUNIT

Due to sometimes inappropriate units of measurement, which are specified in eClass-Features (e.g. width of adhesive tape in metres, no support for inch for instruments, diameter in metres for drills) these alternative units are supported in FUNIT-elements..



Please follow the correct notation as stated here.

<b>EClass</b>	<b>Alternative</b>	<b>Description</b>	<b>eClass</b>	<b>Alternative</b>	<b>Description</b>
1/s	1/h	Times per hour	m <sup>2</sup>	cm <sup>2</sup>	Square centimetre
	1/min	Times per minute		mm <sup>2</sup>	Square millimetre
	UpM	Rounds per minute			
A	mA	Milli-Ampere	m <sup>3</sup>	cm <sup>3</sup>	Cubic metre
	kA	Kilo-Ampere			
	µA	Microampere			
Ah	mAh	Milliampere hours	m <sup>3</sup> /s	m <sup>3</sup> /h	Cubic metre per hour
Byte	KByte	Kilobyte	N	kN	Kilo-Newton
	MBit	Megabit			
	MByte	Megabyte			
	GByte	Gigabyte			
F	µF	Microfarad	N/m	N/cm	Newton per cm
	pF	Pico-Farad		N/mm	Newton per mm
	nF	Nano-Farad		kN/m	Kilo-Newton per m
Hz	kHz	Kilohertz	Nm	Ncm	Newton x cm
	MHz	Megahertz			
	GHz	Gigahertz			
K	°C	Degree Celsius	Ohm	kOhm	Kilo-Ohm
				TOhm	Terra-Ohm
				mOhm	Milli-Ohm
kg	g	Gram	Pa	MPa	Mega-Pascal
	mg	Milligram		bar	Pressure
				mbar	Milli-Bar
				N/m <sup>2</sup>	Newton per m <sup>2</sup>

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EClass	Alternative	Description	eClass	Alternative	Description
kg/m <sup>2</sup>	g/m <sup>2</sup>	Gram per m <sup>2</sup>	s	ms	Millisecond
				µs	Microsecond
				min	Minute(s)
				h	Hour(s)
				Jahr	Year (365 Days)
				Mon	Month (30 Days)
				d	Day(e)
m	m	Metre	V	kV	Kilo-Volt
	mm	Millimetre		mV	Milli-Volt
	cm	Centimetre			
	dm	Decimetre			
	µm	Micrometre			
	"	Inch			
	1/10"	1/10 Inch			
	1/2"	half Inch			
	1/4"	quarter Inch			
	1/8"	1/8 Inch			
	1/16"	1/16 Inch			
	1/32"	1/32 Inch			
m/s	cm/s	cm per second	W	kW	Kilowatt
				mW	Milli-Watt
			Zeich/s	Bi/s	Bits per second
				KB/s	Kilobyte per sec.

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## 8 Illustrations Catalog User Interface

### Display of Search Result

Enterprise Buyer™

Schnellsuche Kategorienindex Erweiterte Suche eCl@ss Hierarchie Einkaufswagen [Katalog beenden](#)

Geben Sie den Suchtext ein

Suchergebnisse anzeigen nach  Suchen

Zum Eingrenzen der Suche eine Kategorie auswählen:  oder weitere Optionen unter Erweiterte Suche nutzen.

Zur genaueren Suche klicken Sie auf einen Spaltenkopf.

Artikel: 1-10 von 106 Artikel die genau mit der Suchzeichenfolge übereinstimmen. [Weiter](#)

[Vergleichen](#) [In den Einkaufswagen legen](#)

Ohne Bilder anzeigen  Mit Bildern anzeigen

An	Menge	Kategorie	Kurzbeschreibung Artikel	Preis	Je	Bestellmenge	á	Inhaltsmenge	Mindestbestellmenge	Lieferzeit	Lieferant	Artikelnr. Lieferant	Anlagen	Hersteller	Artikelnr. Hersteller	Verweis	Lager
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Ordner Plastik DIN A4, schmal Kurs...	€ 1	Stück	--	Stück	1	1		Rens_10454_schwarz	--		10454	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Ordner Plastik DIN A4, schmal Kurs...	€ 1	Stück	--	Stück	1	1		Rens_10457_schwarz	--		10457	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Prospektalbum DIN A4, 2 Ring...	€ 1	Stück	--	Stück	1	1		ELBA_62420_schwarz	--	ELBA	62420	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Ordner Plastik Radio-Plast., DIN A4, ...	€ 1	Stück	--	Stück	1	1		ELBA_10494_schwarz	--	ELBA	10494	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Ordner Plastik Radio-Plast., DIN A4, ...	€ 1	Stück	--	Stück	1	1		ELBA_10497_schwarz	--	ELBA	10497	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Prospektalbum DIN A4, 2 Ring...	€ 1	Stück	--	Stück	1	1		ELBA_62440_schwarz	--	ELBA	62440	--		
<input type="checkbox"/>		Hängehefter, Hängemappe, Hängeordner	Hängeordner, A4, 70 mm, mit Griff, ...	€ 1,00	Stück	1	Stück	1	2,00		1117987	--		1117	--		
<input type="checkbox"/>		Hängehefter, Hängemappe, Hängeordner	Hängeordner, A4, 50 mm, mit Griff, ...	€ 1,00	Stück	1	Stück	1	2,00		1127974	--		1127	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Doppelordner, 2 x A5 quer o. A4, 80 mm, schwarz	€ 1,00	Stück	1	Stück	1	2,00		1148743	--		1148	--		
<input type="checkbox"/>		Ordner, Prospektalbum, Ringbuch	Ordner mit aufsteckbarem Rückenschild, 50 mm, A4, schwarz	€ 1,00	Stück	1	Stück	1	2,00		1255808	--		1255 SW	--		

Artikel: 1-10 von 106 Artikel die genau mit der Suchzeichenfolge übereinstimmen. [Weiter](#)

[Vergleichen](#) [In den Einkaufswagen legen](#)

Mapping between displayed attributes and BMECat:

Kategorie	REFERENCE_FEATURE_GROUP_ID
Kurzbeschreibung	DESCRIPTION_SHORT
Preis	PRICE_AMOUNT
Je	PRICE_QUANTITY
Bestellmenge	ORDER_UNIT (übersetzter ISO-Code)
á	NO_CU_PER_OU
Inhaltsmenge	CONTENT_UNIT
Mindestbestellmenge	QUANTITY_MIN
Lieferzeit	DELIVERY_TIME
Lieferant	SUPPLIER_NAME
Artikelnummer	SUPPLIER_PID
Anlagen	MIME_DESCRIPTION (sofern nicht Standardbild)
Hersteller	MANUFACTURER_NAME
Artikelnr. Hersteller	MANUFACTURER_PID
Verweis	PRODUCT_ID_TO
Lager	PRODUCT_STATUS type= „core_product“

For questions and comments, refer to:

Thomas Wahle

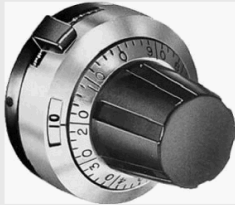
Mail: [eon-kataloge@wiscore.de](mailto:eon-kataloge@wiscore.de)

Tel: +49 (0) 234 7092 – 0

Product Detail with volume pricing

Artikeldetails	
Kategorie	Widerstand (auslaufend)
Kurzbeschreibung Artikel	PRÄZ.-ANTRIEB 15 GANG CT90 Diam. 22,2
Langbeschreibung	BOURNS Analog-Einstellknöpfe 15-Fach Beschreibung Diam. 22,2 mm, Arretierung, Anzeige in 1/100 und volle Umdrehung, Achse 6,3mm, Turns 15, Widerstände / Potentiometer, Potentiometer, Potentiometerantriebe und Zubehör
Preis je Bestellmenge	9999 €
Preis	9999 €
Währung	EUR
je	1
Bestellmenge	Stück
Anlagen	* Gruppenansicht
Inhaltsmenge	Stück
Mindestbestellmenge	1
Lieferzeit	1
eCl@ss	272601XX
Lieferant	99999999999999999999
Artikelnr. Lieferant	261061
Hersteller	ATOMS MONACO
Artikelnr. Hersteller	CT90
Bestellintervall	1
Alias	CT90
Steuerkennzeichen	0,16
Kontraktnummer	4480000032
Katalogname	99999999999999999999
Synonym	Widerstand
WISCORE_GLOBAL_ID	315104729_e.on_08032002_261061
MPL	070914
Katalogversion	315104729e.on_08032002001.001
Menge	Preis
Mengenabhängige Preise	10 - 24 9999 € 25 + 9999 €

PRÄZ.-ANTRIEB 15 GANG CT90 Diam. 22,2



Additional attributes and mapped BMECat elements:

Langbeschreibung	DESCRIPTION_LONG
Preis je Bestellmenge	PRICE_AMOUNT divided by PRICE_QUANTITY
Währung	CURRENCY
eCl@ss	REFERENCE_FEATURE_GROUP_ID
Bestellintervall	QUANTITY_INTERVAL
Alias	KEYWORDS
Steuerkennzeichen	TAX
Kontraktnummer	AGREEMENT_ID
Katalogname	CATALOG_NAME
Synonym	eClass-Keywords (added automatically)
WISCORE_GLOBAL_ID	SUPPLIER_ID + CATALOG_ID + SUPPLIER_PID
Ec5p	E-Class 5.1 plus VEBA Material number (added automatically)
Katalogversion	SUPPLIER_ID + CATALOG_ID + CATALOG_VERSION
Mengenabhängige Preise	PRICE_AMOUNT divided by PRICE_QUANTITY, LOWER_BOUND

For questions and comments, refer to:  
 Thomas Wahle  
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 Tel: +49 (0) 234 7092 – 0



# WISCORE

## Category attributes in search result (excerpt)

Durchmesser Nennmaß (CBA126)	Hersteller (AAA001)	Arbeitslänge (CAA988)	Gewicht (CBB018)	Hersteller- Produktbezeichnung (CBA102)	Lieferbedingungen (CBA003)	Schaffform (CAA986)	Schneide_Art (CAA990)	Länge (CBA007)	Schaftdurchmesser (CAA989)	Bearbeitbarer Werkstoff (CAA991)	Maßnorm (CBA002)
Einheiten ▾	▾ ▾	Einheiten ▾	Einheiten ▾	▾ ▾	▾ ▾	▾ ▾	▾ ▾	Einheiten ▾	Einheiten ▾	▾ ▾	▾ ▾
0.000500 m	GARANT	--	--	--	--	--	--	0.020000 m	0.003150 m	--	--
0.000800 m	GARANT	--	--	--	--	--	--	0.020000 m	0.003150 m	--	--
0.001000 m	GARANT	--	--	--	--	--	--	0.031500 m	0.003150 m	--	--
0.001250 m	GARANT	--	--	--	--	--	--	0.031500 m	0.003150 m	--	--
0.001600 m	GARANT	--	--	--	--	--	--	0.035000 m	0.004000 m	--	--
0.002000 m	GARANT	--	--	--	--	--	--	0.040000 m	0.005000 m	--	--
0.002500 m	GARANT	--	--	--	--	--	--	0.045000 m	0.006300 m	--	--

Additional attributes and mapped BMECat elements:

**Merkmale**                      **PRODUCT\_FEATURES (FNAME, FVALUE, FUNIT)**

For questions and comments, refer to:  
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Tel: +49 (0) 234 7092 – 0