







Bayoxide® E IN 30

Description

Type Technical Oxide
Delivery form Granules

Chemical class Synthetic iron hydroxide oxide yellow α - FeOOH

CAS-No. 51274-00-1

REACH registration no. 01-2119457554-33-0000

Specified Technical Data

Technical Data	min	max	Test method
Fe ₂ O ₃ Content [%]	70		No. 036 ⁴¹
Bulk Density [g/cm³]	0.70	0.90	similar to DIN EN ISO 787-11:1995
Specific Surface Area (BET) [m²/g]	250		ISO 9277:2003
Water soluble content [%]		2.0	similar to DIN EN ISO 787-3:2000
Moisture content [%]		20	DIN EN ISO 787-2:1995
Sieve analysis < 0.315 mm [%]		10	No. 039 ⁴¹
Sieve analysis > 2.0 mm [%]		5.0	No. 039 ⁴¹

Informative Technical Data (guide values)

			Test method
α - FeOOH content [%] 53	>	98	Information about the determination of iron oxide 41
Density [g/ml]	~	4.0	DIN EN ISO 787-10:1995

⁴¹ Obtainable from LANXESS Deutschland GmbH, Business Unit Liquid Purification Technologies, mailto: lewatit@lanxess.com

⁵³ Minor elements may arise from the raw materials used. However, these are firmly bound to the crystal lattice as ions.





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Packaging

The product is available in sacks or bulk bags. For further information please ask your local contact or send an enquiry by e-mail to mailto: lewatit@lanxess.com

Transport and Storage

General storage conditions: Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature.

Avoid crushing the granules.

Special conditions for opened

packaging:

Shelf life:

Close bags after use to prevent the absorption of moisture and

contamination.

This product has an excellent shelf life. We recommend that this product is used within ten years of the date of manufacture and limit our product warranty to this period. During the first ten years after the date of manufacture we are able to ensure compliance with this specification, provided the material has been stored as stated above and the packaging materials remain undamaged. It must be taken into account that the packaging mean can have a shelf life considerably shorter than the one for this product. All recommendations and warnings given on the packaging must

strictly be adhered to. Deviations from storage conditions can lead to undesired changes on side of the packaging materials. These succumb to ageing which may also lead to compromising their capability. Concerning their estimated service life we differentiate between the following packaging materials:

All kinds of bags (Paper and PE) 5 years All kinds of Bulk bag 3 years

With respect to our Bulk Bags we recommend to avoid UV-radiation because the sewing material of the lifting loops is stabilized against degradation by UV-radiation for appr. 1000 h incident sun radiation for the climate of Central Europe. A more intense sun radiation can shorten this period significantly. In cases of doubt the lifting loops

must be checked thoroughly.

Safety

Classification The product is not classified as dangerous under the relevant EC

Directives and corresponding national regulations valid in the individual EU member states. It is not dangerous according to

transport regulations.

Additional information In countries outside the EU, compliance with the respective national

legislation concerning the classification, packaging, labelling and transport of dangerous substances must be ensured.

The safety data sheet should be observed. This contains

information on handling, product safety and ecology. The safety

data sheet is available at www.lpt.lanxess.com.





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Disposal of Waste Product

The spent media is to be disposed of in approved landfills provided local regulations are observed. The media is educted from the adsorber vessel into a purpose built tanker. Operators should confirm that they can meet any local landfill tipping conditions.

For disposal within EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

Status of Registration (not specified)

The components of this product are	listed on the following inventories:					
Europe:	USA:	Canada:	Australia:	New Zealand:		
EINECS	TSCA	DSL	AICS	NZIOC		
Philippines:	Japan:	Korea:	China:	Taiwan:		
PICCS	METI	ECL	IECSC	NECSI		

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