

Product Information

IOX B 03

Description

| Black pigment | |
|--------------------------------------|---|
| Powder | |
| Synthetic iron oxide alpha Fe_3O_4 | |
| Pigment black 11 (77499) | |
| 1317-61-9 | |
| 01-2119457646-28-0000 | |
| | Powder Synthetic iron oxide alpha Fe₃O₄ Pigment black 11 (77499) 1317-61-9 |

Specification

| Colour values and tinting strength | | | | |
|---|---------------------------------------|-----|-----|-----------------------------|
| Standard | IOX B 03 | | | |
| Year | 2002 | | | |
| Binder | | min | max | Test method |
| Test paste based on a non-drying alkyd resin 46 | Delta E _{ab} * ⁴⁵ | | 2.0 | No. 001 of 20-01- 200641 |
| Cement mortar | Relative tinting strength [%] | 95 | 105 | |
| Technical data | | | | |
| Sieve residue (0,045 mm) [%] | | | 0.3 | DIN 53195 (1990) |

Informative technical data (guide values)

| | | | | Test method |
|--|---|---|------|---|
| Fe ₃ O ₄ Content [%] ⁵³ | > | | 94.8 | information about the determination of iron oxide ⁴¹ |
| pH value | | 3 | - 8 | DIN EN ISO 787-9:1995 |
| Water soluble content [%] | < | | 2.75 | DIN EN ISO 787-3:1995 |
| Moisture content (at delivery) [%] | < | | 4 | DIN EN ISO 787-2:199 |



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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: ipg.product-information@lanxess.com

Transport and storage

Protect against weathering. Store in a dry place and avoid extreme fluctuations in temperature.

Special conditions for opened packaging: Close bags after use to prevent the absorption of moisture and contamination.

Safety

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.

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.

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 | | | |

⁴¹obtainable from LANXESS Deutschland GmbH, Business Unit Inorganic Pigments,

Fax +49-2151-88-9599-4139, mailto: ipg.product-information@lanxess.com

 $^{_{45}}Reduction with titanium dioxide TRONOXColour values after matching of the tinting strength parameter Y, i.e. <math display="inline">\Delta$ L*=0

⁴⁶similar to wet system DIN 55983:1983

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

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