

Technical Data Sheet

Bayferrox 350 liquid

Description

Type	Black pigment
Field of application	Building industry
Delivery form	Aqueous suspension
This applies only to the iron oxide in the suspension:	
Chemical class	Synthetic iron oxide Fe ₃ O ₄
Colour Index	Pigment black 11 (77499)
CAS-No.	1317-61-9
REACH registration no.	01-2119457646-28-0000
This product fulfills the requirements of EN 12878 category A (non reinforced materials).	

Specified Color Data

Colour values and tinting strength			
Standard	Bayferrox 350		
Year	2002		
Binder: Emulsion paint	Reduction ⁴⁵ with titanium dioxide		Test method No. 005 ⁴¹
	min	max	
Δ a*	-0.7	0.7	
Δ b*	-0.9	0.9	
Δ E* _{ab}		1.0	
Relative tinting strength [%]	95	105	

Specified Technical Data

	min	max	Test method
Solid content [%]	50	55	similar to DIN EN ISO 787-2:1995
Density of suspension [g/ml]	1.4	1.8	No. 020 ⁴¹
Viscosity [mPas]	1100	1500	No. 007 ⁴¹

Informative Technical Data (guide values)

			Test method
Fe ₂ O ₃ content in solid content [%]	~	93	No. 037 ⁴¹
pH value of suspension	7.3	- 8.3	DIN EN ISO 787-9:1995

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⁴¹ Obtainable from LANXESS Deutschland GmbH, Business Unit Inorganic Pigments,
mailto: ipg.product-information@lanxess.com

⁴⁵ Colour values after matching of the tinting strength parameter Y, i.e. $\Delta L^*=0$

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Transport and Storage

General storage conditions:

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

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.

In countries outside the EU, compliance with the respective national legislation concerning the classification, packaging, labelling and transport of dangerous substances must be ensured.

Additional Information

The safety data sheet should be observed. This contains information on handling, product safety and ecology.

The safety data sheet is available at www.bayferrox.com.

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Status of Registration

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