

Product Information

Bayferrox® 330 G

Description

Type	Black pigment
Field of application	Building industry
Delivery form	Microgranules
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).	

Specification

Colour values and tinting strength			
Standard for G	Bayferrox 330		
Year	2015		
Binder	Cement mortar		
	min	max	Test method
Color Consistency			
Color Difference ΔE^*_{ab}		1.5	No. 015 ⁴¹
Relative tinting strength [%]	95	105	No. 015 ⁴¹

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Informative Technical Data (guide values)

Pigment data			Test method
Fe ₃ O ₄ Content [%] ⁶³	>	95.2	Information about the determination of iron oxide ⁴¹
Water-soluble content [%]	<	2.3	similar to DIN EN ISO 787-3:2000
Bulk density [g/ml]		0.8 - 1.2	similar to DIN EN ISO 787-11:1995
Water absorption [g/100 g]	~	36	DIN 55608:2000
pH value		5.0 - 10.0	DIN EN ISO 787-9:1995
Moisture content (after production) [%]	<	2.0	DIN EN ISO 787-2:1995
Density [g/ml]	~	4.6	DIN EN ISO 787-10:1995
Additional parameters concerning concrete technology			
Influence on setting time [min] Maximum difference between the initial setting time of mixes with/without pigment	<	60	similar to DIN EN 196-3:2005
Influence on compressive strength [%] as strength loss based on unpigmented mix	<	10	similar to DIN EN 196-1:1994

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

⁶³ Minor elements may arise from the raw materials used. However, these are firmly bound to the crystal lattice as ions.



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Note: The information contained in this publication is current as of October, 2009. Please contact LANXESS to determine if this publication has been revised

Page 2 of 2 – This document contains important information and must be read in its entirety.