Product Information

Bayferrox® 6568

Description

Type	Brown pigment	**Delivery Form**	Powder
Chemical Class	Synthetic Iron Oxide Mixture	**Color Index**	Pigment Red 101 (77491)/ Pigment Black 11 (77499/ Calcium Carbonate
Standard	Bayferrox 6568	**Manufacturer**	LANXESS Corporation
Standard year	2009	**CAS-No.**	1309-37-1/ 1317-61-9/ 1317-65-3

Specified values are determined to LANXESS internal quality control procedures. Color readings are reported in CIELab* units.

Specifications

		Minimum	Maximum	Test Method
1. Color* [46]	Δa*	-0.8	0.8	White Cement – Color and Tinting Strength Evaluation [41]
	Δb*	-0.8	0.8	
	ΔE^*_{ab}		1.5	
2. Relative Tinting Strength		95	105	White Cement – Color and Tinting Strength Evaluation [41]

***Binder test paste is based on a white cement

Bayferrox® 6568 – Informative Technical Data (Typical Values)*

		Test Method
Iron oxide content [%] [53]	60 - 75	Information about the determination of iron oxide[41]
Loss on ignition at 1000°C, ½ hr. [%] [3]	< 10	DIN 55913-2 (1972)
Moisture content – after production [%]	< 4	DIN EN ISO 787-2 (1995)
Particle Shape	------- -	Electron Microscope
Predominant Particle Size [µm]	Variable	Electron Microscope
Oil Absorption [g/100g]	20 - 30	DIN EN ISO 787-5 (1995)
Tap Density [g/ml]	0.4 – 1.2	DIN EN ISO 787-11 (1995)
Density [g/ml]	4.1 – 5.0	DIN EN ISO 787-10 (1995)

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

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

**These items are provided as general information only. They are approximate values and are not considered part of the product specification.

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Health and Safety Information: Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, *e.g., material safety data sheets and product labels*. Consult your LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS.

Note: The information contained in this publication is current as of October 2020. Please contact LANXESS to determine if this publication has been revised