

## Product Information

### Bayferrox® 6568

#### Description

<b>Type</b>	Brown pigment	<b>Delivery Form</b>	Powder
<b>Chemical Class</b>	Synthetic Iron Oxide Mixture	<b>Color Index</b>	Pigment Red 101 (77491)/ Pigment Black 11 (77499)/ Calcium Carbonate
<b>Standard</b>	Bayferrox 6568	<b>Manufacturer</b>	LANXESS Corporation
<b>Standard year</b>	2009	<b>CAS-No.</b>	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

		<u>Minimum</u>	<u>Maximum</u>	<u>Test Method</u>
<b>1. Color* <sup>46</sup></b>	$\Delta a^*$	-0.8	0.8	White Cement – Color and
	$\Delta b^*$	-0.8	0.8	Tinting Strength Evaluation <sup>41</sup>
	$\Delta E^*_{ab}$		1.5	
<b>2. Relative Tinting Strength</b>		95	105	White Cement – Color and Tinting Strength Evaluation <sup>41</sup>

\*Binder test paste is based on a white cement

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

		Test Method
Iron oxide content [%] <sup>53</sup>	60 - 75	Information about the determination of iron oxide <sup>41</sup>
Loss on ignition at 1000°C, ½ hr. [%] <sup>3</sup>	< 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)

<sup>41</sup> Obtainable from LANXESS Deutschland GmbH, Business Unit Inorganic Pigments, mail to: [jpg.product-information@lanxess.com](mailto:jpg.product-information@lanxess.com)

<sup>53</sup> 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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Note: The information contained in this publication is current as of October 2020. Please contact LANXESS to determine if this publication has been revised