

Product Information

6029 B

Description

Type	Brown pigment	Delivery Form	Powder
Chemical Class	Synthetic Iron Oxide (Mixture)	Color Index	Pigment Red 101 (77491) / Pigment Yellow 42 (77492) / Pigment Black 11 (77499)/ Calcium Carbonate
Standard CAS-No.	2018 1309-37-1 / 51274-00-1 / 1317-61-9/1317-65-3	Manufacturer	LANXESS Corporation

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>
1. Color (TiO ₂ reduction, 1:5)*	ΔL^*	-0.8	0.8	White Cement – Color and Tinting Strength Evaluation ⁴¹
	Δa^*	-0.8	0.8	
	Δb^*	-0.8	0.8	
	ΔE^*		1.5	
2. Relative Tinting Strength (TiO ₂ reduction, 1:5)		95	105	White Cement – Color and Tinting Strength Evaluation ⁴¹

*Binder test paste is based on white cement

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

		Test Method
Iron Oxide Content (%) ⁵³	86-95	Information about the determination of iron oxide ⁴¹
Loss on ignition at 1000°C, ½ hr. (%)	0.7-14	DIN 55 913 page 2 (1972)
Moisture content – after production (%)	0.3-4	DIN EN ISO 787 Part 2 (1995)
Particle Shape	-----	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	21-60	DIN EN ISO 787 Part 5 (1995)
Tap Density (g/ml)	0.4-1.2	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	4.1-5.0	DIN EN ISO 787 Part 10 (1995)
⁴¹ Obtainable from LANXESS Corporation, Business Unit Inorganic Pigments 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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www.Bayferrox.com www.US.LANXESS.com

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Note: The information contained in this publication is current as of March 2015. Please contact LANXESS to determine if this publication has been revised