

Product Information

Bayferrox® 6622T

Description

Type	Brown pigment	Delivery Form	Powder
Chemical Class	Synthetic Iron Oxide (Mixture)	Color Index	Pigment Red 101 (77491) / Pigment Black 33 (77537)
Standard	1997	Manufacturer	LANXESS Corporation
CAS-No.	1309-37-1 / 068186-94-7		

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 (Masstone)*	ΔL^*	-0.8	0.8	No. 001 ⁴¹
	Δa^*	-0.8	0.8	
	Δb^*	-0.8	0.8	
	ΔE^*		1.0	
2. Color (TiO₂ reduction, 1:5)*	ΔL	-0.8	0.8	No. 001 ⁴¹
	Δa^*	-0.8	0.8	
	Δb^*	-0.8	0.5	
	ΔE^*		1.0	
3. Relative Tinting Strength (TiO₂ reduction, 1:5)		97%	103%	No. 001 ⁴¹

*Binder test paste is based on a non-drying alkyd resin

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		Test Method
Iron Oxide Content (%) ⁵³	90-95	Information about the determination of iron oxide ⁴¹
Loss on ignition at 1000°C, ½ hr. (%)	0.5-1	DIN 55 913 page 2 (1972)
Moisture content – after production (%)	0.5-1	DIN EN ISO 787 Part 2 (1995)
Particle Shape	Spherical	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	15-23	DIN EN ISO 787 Part 5 (1995)
Tap Density (g/ml)	1.0-1.5	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	4.6-5.0	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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Note: The information contained in this publication is current as of January 2020. Please contact LANXESS to determine if this publication has been revised