

Product Information

Bayferrox® 6730

Description

Type	Red pigment blend	Delivery Form	Powder
Chemical Class	Synthetic Iron Oxide $\alpha\text{-Fe}_2\text{O}_3$	Color Index	Pigment Red 101 (77491)
Standard	2000	Manufacturer	LANXESS Corporation
CAS-No.	1309-37-1		

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	Long Oil Masstone Color Evaluation ⁴¹
	Δa^*	-0.8	0.8	
	Δb^*	-0.8	0.8	
	ΔE^*		1.5	
2. Color (TiO₂ reduction, 1:5)*	ΔL^*	-0.8	0.8	Long Oil Tinting Strength and Color Evaluation ⁴¹
	Δa^*	-0.8	0.8	
	Δb^*	-0.8	0.8	
	ΔE^*		1.5	
2. RelativeTintingStrength (TiO ₂ reduction, 1:5)		95	105	Long Oil Tinting Strength and Color Evaluation ⁴¹

*Binder test paste is based on long oil alkyd

Bayferrox® 6730 – Informative Technical Data (Typical Values)*

		Test Method
Iron Oxide Content (%) ⁵³	> 94.2	Information about the determination of iron oxide ⁴¹
Loss on ignition at 1000°C, ½ hr. (%)	< 0.7	DIN 55 913 page 2 (1972)
Moisture content – after production (%)	< 0.7	DIN EN ISO 787 Part 2 (1995)
Particle Shape	spherical	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	~ 22	DIN EN ISO 787 Part 5 (1995)
Tap Density (g/ml)	1.0 – 1.4	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	~ 5.1	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 March 2015. Please contact LANXESS to determine if this publication has been revised