

Product Name:	Bayferrox 6593	Material Code:	
Standard:	1997	Chemical Class:	Synthetic Iron Oxide
Color Index:	Pigment Red 101 (77491) Pigment Black 11 (77499) Pigment Yellow 42 (77492)	Type:	Brown Pigment
Manufacturer:	LANXESS Corporation	CAS-No.:	1309-37-1 1317-61-9 20344-49-4

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

Tint Color Cement		<u>Minimum</u>	<u>Maximum</u>
1. Color	Delta L*	-0.8	0.8
	Delta a*	-0.8	0.8
	Delta b*	-0.8	0.8
	Delta E*		1.5
2. Relative Tinting Strength		95%	105%

Bayferrox 6593 - Informative Technical Data (Typical Values)*

	Approximate	Test Method
Content Fe ₂ O ₃ (%)	86-95	DIN 55 913 Sheet 2 (1972)
Content SiO ₂ + Al ₂ O ₃ (max %)	1-4	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (max %)	0.7-14	DIN 55 913 Sheet 2 (1972)
Moisture content - after production (%)	0.3-4	DIN EN ISO 787 Part 2 (1995)
Particle Shape - Variable	-----	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	21-60	DIN EN ISO 787 Part 5 (1995)
Tamped Density (max 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)

*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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