

<b>Product Name:</b>	Bayferrox 6730	<b>Chemical Class:</b>	$\alpha$ -Fe <sub>2</sub> O <sub>3</sub>
<b>Standard:</b>	2000	<b>Type:</b>	Red Pigment
<b>Color Index:</b>	Pigment Red 101 (77491)	<b>CAS-No.:</b>	1309-37-1
<b>Manufacturer:</b>	LANXESS Corporation		

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

### Bayferrox 6730 - Specifications

		<u>Minimum</u>	<u>Maximum</u>
<b>1. Color</b> (Masstone in long oil)	Delta L*	-0.8	0.8
	Delta a*	-0.8	0.8
	Delta b*	-0.8	0.8
	Delta E*		1.5
<b>2. Color</b> (TiO <sub>2</sub> reduction in long oil, 1:5)	Delta L*	-0.8	0.8
	Delta a*	-0.8	0.8
	Delta b*	-0.8	0.8
	Delta E*		1.5
<b>3. Relative Tinting Strength</b> (TiO <sub>2</sub> reduction, 1:5)		95%	105%

**Bayferrox 6730 - Informative Technical Data (Typical Values)**

	Approximate	Test Method
Content Fe <sub>2</sub> O <sub>3</sub> (%)	96	DIN 55 913 Sheet 2 (1972)
Content SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> (%)	3	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (%)	0.4	DIN 55 913 Sheet 2 (1972)
Moisture content - after production (%)	0.3	DIN EN ISO 787 Part 2 (1995)
Particle Shape - Spherical	-----	Electron Microscope
Predominant Particle size (Microns)	0.7	Electron Microscope
Oil Absorption (g/100g)	20	DIN EN ISO 787 Part 5 (1995)
Tamped Density (g/ml)	1.4	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	5.1	DIN EN ISO 787 Part 10 (1995)

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