

<b>Product Name:</b>	Bayferrox 6866	<b>Product Code:</b>	3377354
<b>Standard:</b>	2004	<b>Chemical Class:</b>	Synthetic Iron Oxide
<b>Color Index:</b>	Pigment Red 101 (77491) Pigment Black 11 (77499) Pigment Yellow 42 (77492)	<b>Type:</b>	Brown Pigment
<b>Manufacturer:</b>	LANXESS	<b>CAS-No.:</b>	1309-37-1 1317-61-9 20344-49-4 68186-94-7

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

		<u>Minimum</u>	<u>Maximum</u>
<b>1. Color (Masstone in lacquer)</b>	Delta L*	-1.0	1.0
	Delta a*	-0.8	0.8
	Delta b*	-0.8	0.8
	Delta E*		1.5
<b>2. Color (TiO<sub>2</sub> reduction, 1:5)</b>	Delta L*		omitted
	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 6866 - Informative Technical Data (Typical Values)

	Approximate	Test Method
Content Fe <sub>2</sub> O <sub>3</sub> (%)	81	DIN 55 913 Sheet 2 (1972)
Content SiO <sub>2</sub> + Al <sub>2</sub> O <sub>3</sub> (max %)	4	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (max %)	5.0	DIN 55 913 Sheet 2 (1972)
Moisture content - after production (%)	0.7	DIN EN ISO 787 Part 2 (1995)
Particle Shape - Variable	-----	Electron Microscope
Predominant Particle size (Microns)	Variable	Electron Microscope
Oil Absorption (g/100g)	36	DIN EN ISO 787 Part 5 (1995)
Tamped Density (max g/ml)	1.5	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	4.6	DIN EN ISO 787 Part 10 (1995)

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