

Product Name:	Bayferrox 115M	Unpacked Article Code:	
Standard:	1988	Chemical Class:	α -Fe ₂ O ₃
Color Index:	Pigment Red 101 (77491)	Type:	Red Pigment
Manufacturer:	LANXESS AG	CAS-No.:	1309-37-1

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

Bayferrox 115M Specifications

		<u>Minimum</u>	<u>Maximum</u>
1. Color (Masstone in lacquer)	Delta L*	-0.4	0.4
	Delta a*	-0.6	0.6
	Delta b*	-0.7	0.7
	Delta E*		1.0
2. Color (TiO ₂ reduction, 1:5)	Delta L*	(adjusted to equal 0.0)	
	Delta a*	-0.6	0.6
	Delta b*	-1.0	1.0
	Delta E*		1.0
3. Relative Tinting Strength (TiO ₂ reduction, 1:5)		95%	105%
4. Dispersibility	Heg 1	7.0	
	Heg 2	5.0	
	Heg 3	4.5	
5. pH		5.0	8.0
6. Water Soluble Salts (%)			0.4

Bayferrox 115M - Informative Technical Data (Typical Values)

	Approximate	Test Method
Content Fe ₂ O ₃ (%)	96	DIN 55 913 Sheet 2 (1972)
Content SiO ₂ + Al ₂ O ₃ (%)	3	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (%)	0.7	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)	0.10	Electron Microscope
Oil Absorption (g/100g)	28	DIN EN ISO 787 Part 5 (1995)
Tamped Density (g/ml)	0.90	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	5.0	DIN EN ISO 787 Part 10 (1995)

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