

Product Name:	Bayferrox 913LOM	Chemical Class:	α - FeOOH
Standard:	Lot# 11830180	Type:	Yellow Pigment
Color Index:	Pigment Yellow 42 (77492)	CAS-No.:	20344-49-4
Manufacturer:	LANXESS SA		

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

Bayferrox 913LOM – Specifications:

		<u>Minimum</u>	<u>Maximum</u>
1. Color (Masstone in lacquer)	Delta L*	-0.4	0.6
	Delta a*	-0.6	0.6
	Delta b*	-0.6	0.6
	Delta E*		1.0
2. Color (TiO ₂ reduction, 1:5)	Delta L*	(adjusted to equal 0.0)	
	Delta a*	-0.5	0.5
	Delta b*	-0.8	0.8
	Delta E*		1.0
3. Relative Tinting Strength (TiO ₂ reduction, 1:5)		95%	105%
4. Dispersibility	Heg 1	6.4	
	Heg 2	5.2	
	Heg 3	4.0	
5. Sieve Residual (325 mesh)			0.01%
6. pH		4.0	8.0

Bayferrox 913LOM - Informative Technical Data (Typical Values)*

	Approximate	Test Method
Content Fe ₂ O ₃ (%)	89	ASTM D-50
Moisture content after production (%)	0.5	ASTM D-280
Oil Absorption (g/100g)	26	ASTM D-281
Particle Shape - Acicular	-----	Electron Microscope
Density (g/ml)	4	ASTM D-153-75
Tamped Density (g/ml)	0.6	DIN EN ISO 787 Part 11 (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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