Product Name:	Bayferrox 303T		
Standard:	92	**Chemical Class:**	$(Fe,Mn)_2O_3$
Color Index:	Pigment Black 33 (77537)	**Type:**	Black Pigment
Manufacturer:	LANXESS AG	**CAS-No.:**	68186-94-7

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

Bayferrox 303T – Specifications:

		Minimum	Maximum
1. Color (TiO_2 reduction, 1:5)	Delta L*	(adjusted to equal 0.0)	
	Delta a*	-0.7	0.7
	Delta b*	-0.9	0.9
	Delta E*		1.0
2. Relative Tinting Strenth ($Ti0_2$ reduction, 1:5)		95%	110%
3. Dispersibility	Heg 1	6.4	
	Heg 2	5.2	
	Heg 3	4.0	
4. pH		7.0	10.0
5. Sieve Residue (325 m)			0.005%
6. Water Soluble Salts (%)			0.7

Bayferrox 303T - Informative Technical Data (Typical Values)*

	Approximate	Test Method
Content Fe_2O_3 (%)	59	DIN 55 913 Sheet 2 (1972)
Content SiO_2 + Al_2O_3 (max %)	5	DIN 55 913 Sheet 2 (1972)
Loss on ignition at 1000°C, ½ hr. (max %)	2	DIN 55 913 Sheet 2 (1972)
Moisture content - after production (%)	0.5	DIN EN ISO 787 Part 2 (1995)
Particle Shape – Spherical	-------	Electron Microscope
Predominant Particle size (Microns)	0.6	Electron Microscope
Oil Absorption (g/100g)	15	DIN EN ISO 787 Part 5 (1995)
Tamped Density (max g/ml)	1.3	DIN EN ISO 787 Part 11 (1995)
Density (g/ml)	4.8	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.