

Date: Oct 05, 2013

# Data Sheet

(TM203)

 Material: Magnetic Powder  
 Type: Barium Ferrite

**Product No: TM203**
**Composition**

Chemical composition	BaFe12O19
Molecular and Crystal structure	M Ferrite Hexagonal

**Characteristics**

Significant or Critical Characteristics		Test Method	Unit	Accepted Limits
Aspect	Colour	Black		
Density	Apparent density	Std002173	g/cm3	1.5±0.3
	Specific gravity	ISO 787-10	g/cm3	5.2±0.3
Volatile matters content		ISO 787-2	%	≤ 0,3 (3h @ 105°C)
Grain size distribution	Residue sieve analysis	60 Mesh	%	≤ 1
		250 Microns		
	Mesh	Std002174		
	Microns			
	Median particle size	FSSS	µm	2.85±0.5
Magnetic Properties	Br	Sample: mix of water (5%) and ferrite, in order to get a final density of 3.6. Dimension sample: Diameter: 35mm thickness : 7mm Pressure : 50 bars Measure materials: hysteresisgraph GB3217-92	Gs	≥1750
	Hcb		Oe	≥1100
	HcJ		Oe	≥1550
	(BH)max		MGOe	≥0.6

## Delivery Terms Specification

Presentation		Bulk material (powder)
Packaging external dimension		Length = 0,95 m max.
		Width = 0,95 m max.
		Height = 1 m max.
Weight		Mandatory = 1000 kg maxi
Packaging	Type	Big bag
	Details	Big bag 4 loops with discharge spout.

Packaging example :

