

Date: Oct 05, 2013

# Data Sheet

(TM210)

 Material: Magnetic Powder  
 Type: Barium Ferrite

**Product No: TM210**
**Composition**

Chemical composition	BaFe <sub>12</sub> O <sub>19</sub>
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/cm <sup>3</sup>	1.2±0.3
	Specific gravity		ISO 787-10	g/cm <sup>3</sup>	5.2±0.3
Volatile matters content			ISO 787-2	%	≤ 0,3 (3h @ 105°C)
Grain size distribution	Residue sieve analysis	40 Mesh	Std002174	%	≤ 1
		420 Microns			
	Mesh Microns				
	Median particle size		FSSS	µm	3±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	≥1600
	Hcb			Oe	≥1100
	HcJ			Oe	≥2500
	(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 :

