

Date: Oct 05, 2013

Data Sheet

(TM215)

Material: Magnetic Powder

Product No: TM215

Type: Barium Ferrite

Composition

Chemical composition	BaFe ₁₂ O ₁₉
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 ³	1.2±0.3
	Specific gravity		ISO 787-10	g/cm ³	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(ISO 10070)	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	≥1700	
	Hcb		Oe	≥1000	
	HcJ		Oe	≥1750	
	(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 :

