

PPT FP160 Fully Sintered Ferrite Powder

Category : Ceramic , Oxide

Material Notes:

Fully sintered NiZn ferrite, MnZn ferrite, and MgZn ferrite powders are available. Spherical or irregular particle shapes in custom particle sizes are available, ranging from sub-micron to a few hundreds micron APS. Powder-loading ratio and density with binder will greatly affect on inductance, attenuation and applicable frequencies. Uses: Extrusion, Injection Molding, Rubber Bonded Sheet, Coating on Film, Cable, Fiber, Fabric, Electronic Potting Compounds, Microwave Heating, Magnetic Fluids, Inductors / Transformers, EMI Suppressors, Attenuators, Filters, Sensors, Magnetic Pigments, Microwave Heating Wares.

Order this product through the following link:

http://www.lookpolymers.com/polymer_PPT-FP160-Fully-Sintered-Ferrite-Powder.php

Physical Properties	Metric	English	Comments
Particle Size	50 - 200 μm	50 - 200 μm	spherical sizes available
	1 - 300 μm	1 - 300 μm	irregular sizes available

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1e+11 ohm-cm	1e+11 ohm-cm	at 100V
Curie Temperature	160 $^{\circ}\text{C}$	320 $^{\circ}\text{F}$	

Descriptive Properties	Value	Comments
Magnetic Saturation	60 emu/g	

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