

PSM Industries Pacific Sintered Metals Iron Nickel FN-252-S Powdered Metal

Category : Metal , Electronic/Magnetic Alloy , Ferrous Metal

Material Notes:

Very low coercive force and high permeability. Excellent for shielding and switching applications. Information Provided by Pacific Sintered Metals, a division of PSM Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Iron-Nickel-FN-252-S-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.00 - 7.20 g/cc	0.253 - 0.260 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	300 MPa	43500 psi	
Elongation at Break	10 %	10 %	1 in. gauge

Electrical Properties	Metric	English	Comments
Magnetic Permeability	<= 13.3	<= 13.3	K-Gauss/Oe
Magnetic Coercive Force, Hc	0.40 Oe	0.40 Oe	
Magnetic Saturation Flux Density, Bmax	10 Gauss	10 Gauss	
Magnetic Remanence, Br	7.0 Gauss	7.0 Gauss	

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