

## Pacific Sintered Materials FN-252-S Iron Nickel Soft Magnetic Powdered Metal

Category : Metal , Ferrous Metal

**Material Notes:**

Very low coercive force and high permeability. Excellent for shielding and switching applications. All information provided by Pacific Sintered Metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pacific-Sintered-Materials-FN-252-S-Iron-Nickel-Soft-Magnetic-Powdered-Metal.php](http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-252-S-Iron-Nickel-Soft-Magnetic-Powdered-Metal.php)

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

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

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	10000 Gauss	10000 Gauss	Magnetic Induction
Magnetic Remanence, Br	7000 Gauss	7000 Gauss	

## Contact Songhan Plastic Technology Co.,Ltd.

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