

## Pacific Sintered Materials F-241-T Iron Soft Magnetic Powdered Metal

Category : Metal , Ferrous Metal

**Material Notes:**

Applications: DC magnetic applications such as pole pieces, cores, armatures, generator rotors and stator cores. Equivalent ASTM

Specification: B310-70, TYPE V, CLASS A All information provided by Pacific Sintered Metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pacific-Sintered-Materials-F-241-T-Iron-Soft-Magnetic-Powdered-Metal.php](http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-F-241-T-Iron-Soft-Magnetic-Powdered-Metal.php)

Physical Properties	Metric	English	Comments
Density	7.20 - 7.50 g/cc	0.260 - 0.271 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	276 MPa	40000 psi	
Elongation at Break	19 %	19 %	

Electrical Properties	Metric	English	Comments
Magnetic Permeability	<= 5.3	<= 5.3	K-Gauss/Oe
Magnetic Coercive Force, Hc	1.7 Oe	1.7 Oe	
Magnetic Saturation Flux Density, Bmax	13000 Gauss	13000 Gauss	Magnetic Induction
Magnetic Remanence, Br	11800 Gauss	11800 Gauss	

## Contact Songhan Plastic Technology Co.,Ltd.

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