

Pacific Sintered Materials FS-1603 Silicon Iron Soft Magnetic Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

Applications: DC magnetic applications such as armatures, relays, solenoids, pole pieces and cores. Possible AC uses. All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FS-1603-Silicon-Iron-Soft-Magnetic-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.00 - 7.30 g/cc	0.253 - 0.264 lb/in ³	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	448 MPa	65000 psi	
Elongation at Break	9.5 %	9.5 %	

Electrical Properties	Metric	English	Comments
Magnetic Permeability	<= 9.1	<= 9.1	K-Gauss/Oe
Magnetic Coercive Force, Hc	1.1 Oe	1.1 Oe	
Magnetic Saturation Flux Density, Bmax	11900 Gauss	11900 Gauss	Magnetic Induction
Magnetic Remanence, Br	5100 Gauss	5100 Gauss	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China