

PSM Industries Pacific Sintered Metals Iron F-200-P Powdered Metal

Category : Metal , Electronic/Magnetic Alloy , Ferrous Metal

Material Notes:

Low stressed mechanical components, Soft magnetic applications Equivalent MPIF Specification: F-0000-10 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-F-200-P-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	6.00 - 6.40 g/cc	0.217 - 0.231 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	40	40	
Tensile Strength, Ultimate	124 MPa	18000 psi	
Tensile Strength, Yield	89.6 MPa	13000 psi	
Elongation at Break	2.0 %	2.0 %	1 in. gauge
Tensile Modulus	96.5 GPa	14000 ksi	
Flexural Strength	248 MPa	36000 psi	Transverse Rupture
Charpy Impact, Unnotched	4.07 J	3.00 ft-lb	

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