

Pacific Sintered Materials F-200-P Iron Powdered Metal

Category : Metal , Ferrous Metal , Cast Iron

Material Notes:

Applications: Low stressed mechanical components Soft magnetic applications Equivalent MPIF Specification: F-0000-10 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-F-200-P-Iron-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	Apparent
Tensile Strength, Ultimate	124 MPa	18000 psi	
Tensile Strength, Yield	89.6 MPa	13000 psi	
Elongation at Break	2.0 %	2.0 %	given as inch/inch in one inch gauge length
Modulus of Elasticity	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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