

Pacific Sintered Materials F-240-S Steel Powdered Metal

Category : Metal , Ferrous Metal , Carbon Steel

Material Notes:

Applications:Medium stressed mechanical componentsEquivalent MPIF Specification: F-0005-25All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-F-240-S-Steel-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	6.80 - 7.20 g/cc	0.246 - 0.260 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	55	55	Apparent
Tensile Strength, Ultimate	262 MPa	38000 psi	
Tensile Strength, Yield	193 MPa	28000 psi	
Elongation at Break	2.0 %	2.0 %	
Modulus of Elasticity	124 GPa	18000 ksi	
Flexural Strength	524 MPa	76000 psi	Transverse Rupture
Charpy Impact, Unnotched	6.78 J	5.00 ft-lb	

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