

Pacific Sintered Materials FN-250-S Nickel Iron Powdered Metal

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Good impact resistant mechanical components. Good hardenability. Equivalent MPIF Specification: FN-0200-20 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-250-S-Nickel-Iron-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 F	75	75	
Tensile Strength, Ultimate	241 MPa	35000 psi	
Tensile Strength, Yield	172 MPa	25000 psi	
Elongation at Break	4.0 %	4.0 %	
Modulus of Elasticity	138 GPa	20000 ksi	
Flexural Strength	552 MPa	80000 psi	Transverse Rupture
Charpy Impact, Unnotched	27.1 J	20.0 ft-lb	

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