

Pacific Sintered Materials FN-262-S High Strength Nickel Steel Powdered Metal

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

High strength, good impact resistant material for mechanical components. Excellent hardenability. Equivalent MPIF Specification: FN-0405-35 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-262-S-High-Strength-Nickel-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	71	71	
Tensile Strength, Ultimate	414 MPa	60000 psi	
Tensile Strength, Yield	276 MPa	40000 psi	
Elongation at Break	3.0 %	3.0 %	
Modulus of Elasticity	138 GPa	20000 ksi	
Flexural Strength	827 MPa	120000 psi	Transverse Rupture
Charpy Impact, Unnotched	20.3 J	15.0 ft-lb	

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