

PSM Industries Pacific Sintered Metals High Strength Nickel Steel FN-262-T Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

High strength, Good impact resistant material for mechanical components, Excellent hardenability Equivalent MPIF Specification: FN-0405-45 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-High-Strength-Nickel-Steel-FN-262-T-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.20 - 7.40 g/cc	0.260 - 0.267 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	84	84	
Tensile Strength, Ultimate	621 MPa	90000 psi	
Tensile Strength, Yield	345 MPa	50000 psi	
Elongation at Break	5.0 %	5.0 %	1 in. gauge
Tensile Modulus	165 GPa	24000 ksi	
Flexural Strength	1210 MPa	175000 psi	Transverse Rupture
Charpy Impact, Unnotched	48.8 J	36.0 ft-lb	

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