

PSM Industries Pacific Sintered Metals High Strength Nickel Steel FN-256-T(HT) Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

High strength, Good impact resistant material for mechanical components, Excellent hardenability Equivalent MPIF Specification: FN-0408-155HT 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-256-THT-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 C	37	37	
Tensile Strength, Ultimate	1100 MPa	160000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	1 in. gauge
Tensile Modulus	159 GPa	23000 ksi	
Flexural Strength	1690 MPa	245000 psi	Transverse Rupture
Charpy Impact, Unnotched	13.6 J	10.0 ft-lb	

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