

Pacific Sintered Materials FN-253-S(HT) 4600 Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

High performance material with high strength and wear resistance after heat treatment. Equivalent MPIF Specification: FL-4605-100HT All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FN-253-SHT-4600-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 C	29	29	
Tensile Strength, Ultimate	689 MPa	100000 psi	
Tensile Strength, Yield	689 MPa	100000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	
Modulus of Elasticity	124 GPa	18000 ksi	
Flexural Strength	1140 MPa	165000 psi	Transverse Rupture
Charpy Impact, Unnotched	6.10 J	4.50 ft-lb	

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