

PSM Industries Pacific Sintered Metals 4600 F-253-T(HT) Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

High performance material with high strength and wear resistance after heat treatment Equivalent MPIF Specification: FL-4605-140HT
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-4600-F-253-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	39	39	
Tensile Strength, Ultimate	1070 MPa	155000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	1 in. gauge
Tensile Modulus	152 GPa	22000 ksi	
Flexural Strength	1590 MPa	230000 psi	Transverse Rupture
Charpy Impact, Unnotched	9.49 J	7.00 ft-lb	

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