

PSM Industries Pacific Sintered Metals Infiltrated High Carbon Steel FX-232-T(HT) Powdered Metal

Category : Metal , Ferrous Metal , Carbon Steel , High Carbon Steel

Material Notes:

Good strength, shock resistance and hardenability, Moderate tolerance control Equivalent MPIF Specification: FX-1008-110HTInformation

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-Infiltrated-High-Carbon-Steel-FX-232-THT-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.20 - 7.50 g/cc	0.260 - 0.271 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	43	43	
Tensile Strength, Ultimate	827 MPa	120000 psi	
Elongation at Break	<= 0.50 %	<= 0.50 %	1 in. gauge
Tensile Modulus	110 GPa	16000 ksi	
Flexural Strength	1300 MPa	189000 psi	Transverse Rupture
Charpy Impact, Unnotched	9.49 J	7.00 ft-lb	

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