

Pacific Sintered Materials FX-232-T Infiltrated High Carbon Steel 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-1008-50 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FX-232-T-Infiltrated-High-Carbon-Steel-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	89	89	
Tensile Strength, Ultimate	600 MPa	87000 psi	
Tensile Strength, Yield	414 MPa	60000 psi	
Elongation at Break	3.0 %	3.0 %	
Modulus of Elasticity	110 GPa	16000 ksi	
Flexural Strength	1140 MPa	166000 psi	Transverse Rupture
Charpy Impact, Unnotched	13.6 J	10.0 ft-lb	

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