

Pacific Sintered Materials FX-227-T Infiltrated Steel Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

Machines and plates well. Good in hydraulic applications. Moderate tolerance control. Equivalent MPIF Specification: FX-1005-50All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FX-227-T-Infiltrated-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	82	82	
Tensile Strength, Ultimate	531 MPa	77000 psi	
Tensile Strength, Yield	345 MPa	50000 psi	
Elongation at Break	4.0 %	4.0 %	
Modulus of Elasticity	110 GPa	16000 ksi	
Flexural Strength	1090 MPa	158000 psi	Transverse Rupture
Charpy Impact, Unnotched	17.6 J	13.0 ft-lb	

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