

Pacific Sintered Materials FC-203-N Copper Iron Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Applications:Excellent for self-lubricating parts and heavy duty bearingsEquivalent MPIF Specification: FC-1000-20All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FC-203-N-Copper-Iron-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	5.80 - 6.00 g/cc	0.210 - 0.217 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	15	15	
Tensile Strength, Ultimate	207 MPa	30000 psi	
Tensile Strength, Yield	179 MPa	26000 psi	
Elongation at Break	<= 1.0 %	<= 1.0 %	
Flexural Strength	365 MPa	53000 psi	Transverse Rupture
Bearing Yield Strength	0.000262 MPa	0.0380 psi	
Charpy Impact, Unnotched	5.42 J	4.00 ft-lb	

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