

Pacific Sintered Materials FCC-221-P Copper Steel Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Applications:Medium strength mechanical componentsEquivalent MPIF Specification: FC-0205-35All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FCC-221-P-Copper-Steel-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	6.00 - 6.40 g/cc	0.217 - 0.231 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	48	48	
Tensile Strength, Ultimate	276 MPa	40000 psi	
Tensile Strength, Yield	276 MPa	40000 psi	
Elongation at Break	<= 1.0 %	<= 1.0 %	
Flexural Strength	517 MPa	75000 psi	Transverse Rupture
Bearing Yield Strength	0.000207 MPa	0.0300 psi	
Charpy Impact, Unnotched	4.07 J	3.00 ft-lb	

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