

Pacific Sintered Materials FCC-200-P High Carbon Copper Steel Powdered Metal

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

Material Notes:

High strength, good impact resistant material for mechanical components. Excellent hardenability. High performance material with high strength and wear resistance after heat treatment. Equivalent MPIF Specification: FC-0505-40 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-FCC-200-P-High-Carbon-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	62	62	
Tensile Strength, Ultimate	400 MPa	58000 psi	
Tensile Strength, Yield	324 MPa	47000 psi	
Elongation at Break	<= 1.0 %	<= 1.0 %	
Flexural Strength	703 MPa	102000 psi	Transverse Rupture
Bearing Yield Strength	0.000317 MPa	0.0460 psi	
Charpy Impact, Unnotched	6.78 J	5.00 ft-lb	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China