

PSM Industries Pacific Sintered Metals Copper Iron FC-203-N Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

Excellent for self-lubricating parts and heavy duty bearings. Equivalent MPIF Specification: FC-1000-20
Information Provided by Pacific Sintered Metals, a division of PSM Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Copper-Iron-FC-203-N-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 %	1 in. gauge
Flexural Strength	365 MPa	53000 psi	Transverse Rupture
Ultimate Bearing Strength	262 MPa	38000 psi	Bearing Strength Constant K
Charpy Impact, Unnotched	5.42 J	4.00 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