

PSM Industries Pacific Sintered Metals Copper Iron FC-208-N Powdered Metal

Category : Metal , Ferrous Metal

Material Notes:

Excellent for self-lubricating parts and heavy duty bearings. Equivalent MPIF Specification: FC-2000-K40
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-208-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	14	14	
Tensile Strength, Ultimate	193 MPa	28000 psi	
Tensile Strength, Yield	179 MPa	26000 psi	
Elongation at Break	<= 1.0 %	<= 1.0 %	1 in. gauge
Flexural Strength	345 MPa	50000 psi	Transverse Rupture
Ultimate Bearing Strength	255 MPa	37000 psi	Bearing Strength Constant K
Charpy Impact, Unnotched	4.07 J	3.00 ft-lb	

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