

Pacific Sintered Materials BZ-111-U Yellow Brass Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Applications: 80-20 leaded brass for structural and hardware components. Equivalent MPIF Specification: CZP-2000-11 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-BZ-111-U-Yellow-Brass-Powdered-Metal.php

Physical Properties	Metric	English	Comments
Density	7.60 - 7.80 g/cc	0.275 - 0.282 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell H	70	70	
Tensile Strength, Ultimate	159 MPa	23000 psi	
Tensile Strength, Yield	93.1 MPa	13500 psi	
Elongation at Break	12 %	12 %	
Flexural Strength	345 MPa	50000 psi	Transverse Rupture
Charpy Impact, Unnotched	38.0 J	28.0 ft-lb	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.0000069 ohm-cm	0.0000069 ohm-cm	

Descriptive Properties	Value	Comments
Electrical Conductivity (% IACS)	25	

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