

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

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

Material Notes:

Applications: 80-20 leaded brass, coined for close dimensional control, strength and density. Equivalent MPIF Specification: CZP-2000-12
All information provided by Pacific Sintered Metals.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	7.80 - 8.00 g/cc	0.282 - 0.289 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell H	90	90	
Tensile Strength, Ultimate	207 MPa	30000 psi	
Tensile Strength, Yield	110 MPa	16000 psi	
Elongation at Break	14 %	14 %	
Flexural Strength	483 MPa	70000 psi	Transverse Rupture
Charpy Impact, Unnotched	75.9 J	56.0 ft-lb	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000639 ohm-cm	0.00000639 ohm-cm	

Descriptive Properties	Value	Comments
Electrical Conductivity (% IACS)	27	

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