

## PSM Industries Pacific Sintered Metals Yellow Brass BZ-111-U Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy , Brass

**Material Notes:**

80-20 leaded brass for structural and hardware components Equivalent MPIF Specification: CZP-2000-11 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-Yellow-Brass-BZ-111-U-Powdered-Metal.php](http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Yellow-Brass-BZ-111-U-Powdered-Metal.php)

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

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell F	70	70	
Tensile Strength, Ultimate	159 MPa	23000 psi	
Tensile Strength, Yield	93.1 MPa	13500 psi	
Elongation at Break	12 %	12 %	1 in. gauge
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	0.00000690 ohm-cm	0.00000690 ohm-cm	

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