

Pacific Sintered Materials BZN-131-U Nickel Silver Powdered Metal

Category : Metal , Nonferrous Metal , Nickel Alloy

Material Notes:

Higher strength than brass. Good corrosion resistance. Equivalent MPIF Specification: CZN-1818-17 All information provided by Pacific Sintered Metals.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-BZN-131-U-Nickel-Silver-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	80	80	
Tensile Strength, Ultimate	234 MPa	34000 psi	
Tensile Strength, Yield	138 MPa	20000 psi	
Elongation at Break	11 %	11 %	
Flexural Strength	503 MPa	73000 psi	Transverse Rupture
Charpy Impact, Unnotched	32.5 J	24.0 ft-lb	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.000034 ohm-cm	0.000034 ohm-cm	

Descriptive Properties	Value	Comments
Electrical Conductivity (% IACS)	5	

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