

PSM Industries Pacific Sintered Metals Nickel Silver BZN-131-U Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy

Material Notes:

Higher strength than brass, Good corrosion resistance Equivalent MPIF Specification: CZN-1818-17 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-Nickel-Silver-BZN-131-U-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 F	80	80	
Tensile Strength, Ultimate	234 MPa	34000 psi	
Tensile Strength, Yield	138 MPa	20000 psi	
Elongation at Break	11 %	11 %	1 in. gauge
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	0.0000340 ohm-cm	0.0000340 ohm-cm	

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