

## PSM Industries Pacific Sintered Metals Copper CU-143-W Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy

### Material Notes:

High electrical and thermal conductivity, Good for heat sinks and electrical problems  
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-Copper-CU-143-W-Powdered-Metal.php](http://www.lookpolymers.com/polymer_PSM-Industries-Pacific-Sintered-Metals-Copper-CU-143-W-Powdered-Metal.php)

Physical Properties	Metric	English	Comments
Density	8.40 - 8.60 g/cc	0.303 - 0.311 lb/in <sup>3</sup>	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell F	75	75	
Tensile Strength, Ultimate	214 MPa	31000 psi	
Tensile Strength, Yield	103 MPa	15000 psi	
Elongation at Break	2.0 %	2.0 %	1 in. gauge

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000190 ohm-cm	0.00000190 ohm-cm	

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