

## Pacific Sintered Materials CU-143-W Copper Powdered Metal

Category : Metal , Nonferrous Metal , Copper Alloy

**Material Notes:**

Applications: High electrical and thermal conductivity. Good for heat sinks and electrical components. All information provided by Pacific Sintered Metals.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Pacific-Sintered-Materials-CU-143-W-Copper-Powdered-Metal.php](http://www.lookpolymers.com/polymer_Pacific-Sintered-Materials-CU-143-W-Copper-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 H	75	75	
Tensile Strength, Ultimate	214 MPa	31000 psi	
Tensile Strength, Yield	103 MPa	15000 psi	
Elongation at Break	2.0 %	2.0 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000187 ohm-cm	0.00000187 ohm-cm	

Descriptive Properties	Value	Comments
Electrical Conductivity (% IACS)	92	

## Contact Songhan Plastic Technology Co.,Ltd.

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