

Cadi Cu-Tungsten (80%) Copper Alloy

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Refractory Metal , Tungsten Alloy

Material Notes:

Slightly higher tungsten content results in higher hardness and strength when forces are relatively high. Strength is gained with a slight decrease in electrical and thermal properties. Information provided by Cadi Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cadi-Cu-Tungsten-80-Copper-Alloy.php

Physical Properties	Metric	English	Comments
Density	15.6 g/cc	0.563 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	>= 98 @Diameter <=25.4 mm	>= 98 @Diameter <=1.00 in	

Component Elements Properties	Metric	English	Comments
Copper, Cu	20 %	20 %	
Tungsten, W	80 %	80 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 0.00000493 ohm-cm	<= 0.00000493 ohm-cm	Calculated from Min 35 %IACS

Descriptive Properties	Value	Comments
RMWA Class	12	

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