

Cadi Cu-Tungsten (75%) Copper Alloy

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

Material Notes:

For projection welding electrodes where pressures are moderately high. This grade is the standard for many copper tungsten resistance welding applications. Information provided by Cadi Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cadi-Cu-Tungsten-75-Copper-Alloy.php

Physical Properties	Metric	English	Comments
Density	14.8 g/cc	0.534 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	>= 94 @Diameter <=25.4 mm	>= 94 @Diameter <=1.00 in	

Component Elements Properties	Metric	English	Comments
Copper, Cu	25 %	25 %	
Tungsten, W	75 %	75 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 0.00000431 ohm-cm	<= 0.00000431 ohm-cm	Calculated from Min 40 %IACS

Descriptive Properties	Value	Comments
RMWA Class	11	

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