

Cadi Cu-Tungsten (55%) Copper Alloy

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

Material Notes:

Specified for electrode and electrode inserts for many flash and butt welding applications. This grade is specified when higher electrical and thermal conductivity are required. Information provided by Cadi Company.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cadi-Cu-Tungsten-55-Copper-Alloy.php

Physical Properties	Metric	English	Comments
Density	12.6 g/cc	0.455 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	>= 72 @Diameter <=25.4 mm	>= 72 @Diameter <=1.00 in	

Component Elements Properties	Metric	English	Comments
Copper, Cu	45 %	45 %	
Tungsten, W	55 %	55 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	<= 0.00000383 ohm-cm	<= 0.00000383 ohm-cm	Calculated from Min 45 %IACS

Descriptive Properties	Value	Comments
RMWA Class	10	

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