

CMW® D55 Silver Cadmium Oxide Contact Material ASTM B781, Table 2, Type B

Category : Metal , Metal Matrix Composite , Nonferrous Metal , Precious Metal , Silver Alloy

Material Notes:

For electrical contacts; resistant to welding and high surge currents
Information provided by CMW Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMW-D55-Silver-Cadmium-Oxide-Contact-Material-ASTM-B781-Table-2-Type-B.php

Physical Properties	Metric	English	Comments
Density	9.59 g/cc	0.346 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell F	35	35	
Tensile Strength, Ultimate	83.0 MPa	12000 psi	

Thermal Properties	Metric	English	Comments
Melting Point	<= 980 °C	<= 1800 °F	
Liquidus	980 °C	1800 °F	

Component Elements Properties	Metric	English	Comments
CdO	15 %	15 %	
Silver, Ag	85 %	85 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000313 ohm-cm	0.00000313 ohm-cm	(55% IACS)

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China