

CMW® D581F Silver Graphite Contact Material

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

Material Notes:

For electrical contacts; reduced sticking, low friction. Information provided by CMW Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMW-D581F-Silver-Graphite-Contact-Material.php

Physical Properties	Metric	English	Comments
Density	10.3 g/cc	0.372 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell F	44 - 72	44 - 72	44 (annealed) - 72 (worked)
Tensile Strength, Ultimate	169 MPa	24500 psi	Annealed
	252 MPa	36500 psi	Worked

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

Component Elements Properties	Metric	English	Comments
Carbon, C	0.50 %	0.50 %	
Silver, Ag	99.5 %	99.5 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000169 ohm-cm	0.00000169 ohm-cm	(102% 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