

CMW® D158F 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-D158F-Silver-Graphite-Contact-Material.php

Physical Properties	Metric	English	Comments
Density	10.12 g/cc	0.3656 lb/in³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell F	36 - 69	36 - 69	36 (annealed) - 69 (worked)
Tensile Strength, Ultimate	162 MPa	23500 psi	Annealed
	241 MPa	35000 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	1.0 %	1.0 %	
Silver, Ag	99 %	99 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000174 ohm-cm	0.00000174 ohm-cm	(99% 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