

CMW® ELKONITE® 7165 Molybdenum Silver contact material

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

Material Notes:

For arcing electrical contacts Information provided by CMW Inc.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CMW-ELKONITE-7165-Molybdenum-Silver-contact-material.php

Physical Properties	Metric	English	Comments
Density	9.80 g/cc	0.354 lb/in ³	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell B	70	70	

Thermal Properties	Metric	English	Comments
Melting Point	980 - 2610 °C	1800 - 4730 °F	
Solidus	980 °C	1800 °F	
Liquidus	2610 °C	4730 °F	

Component Elements Properties	Metric	English	Comments
Molybdenum, Mo	65 %	65 %	
Silver, Ag	35 %	35 %	

Electrical Properties	Metric	English	Comments
Electrical Resistivity	0.00000493 ohm-cm	0.00000493 ohm-cm	(35% IACS)

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