

Parker Chomerics CHO-SHIELD® 4968 Silicone Coating

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Silicone Coating. This is a two-component silicone polymer system used to protect electronic components and assemblies against moisture, abrasion, dust, and chemicals. It is particularly intended to protect and insulate applications for CHO-SHIELD 4966 conductive coating. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-4968-Silicone-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.02 g/cc	1.02 g/cc	
Volatile Organic Compounds (VOC) Content	366 g/l	366 g/l	
Viscosity	100 cP	100 cP	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	399 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.20e+15 ohm-cm	3.20e+15 ohm-cm	
Dielectric Constant	2.7	2.7	
	@Frequency 1000 Hz	@Frequency 1000 Hz	
Dielectric Strength	20.50 kV/mm	520.7 kV/in	
Dissipation Factor	0.00060	0.00060	
	@Frequency 1000 Hz	@Frequency 1000 Hz	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	
	@Temperature 125 °C	@Temperature 257 °F	
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Color	Clear	

Mix Ratio Descriptive Properties	0.417 Value	Comments
Polymer	Silicone	

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