

Parker Chomerics CHO-SHIELD® 4966 Conductive Silicone Coating

Category : Polymer , Adhesive , Thermoset , Silicone

Material Notes:

Conductive Silicone Coating. This is a conductive silver-filled silicone coating. This three-component system is capable of providing 60 dB of shielding effectiveness above 30 MHz. The coating utilizes heat for cure which will vary with substrates. CHO-SHIELD 4966 is designed for coating silicone based substrates. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-4966-Conductive-Silicone-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.22 - 3.42 g/cc	3.22 - 3.42 g/cc	
Solids Content	72 %	72 %	
Volatile Organic Compounds (VOC) Content	83 g/l	83 g/l	
Brookfield Viscosity	100 cP	100 cP	@ 100 rpm, #2
Thickness	50.8 microns	2.00 mil	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	100 °C	212 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.15 ohm	<= 0.15 ohm	

Processing Properties	Metric	English	Comments
Cure Time	30.0 min	0.500 hour	
	300 min	5.00 hour	work life
Pot Life	300 min	300 min	
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Binder	Silicone	
Consistency	Thin Fluid	
Filler		

Descriptive Properties	Value	Comments
Mix Ratio	100:15.1:2.6	
Resin	Silicone Polymer	
Spraying Viscosity, #2 Zahn Cup, sec	18 - 20	
Theoretical Coverage ft ² /gal	75	

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