

Parker Chomerics CHO-SHIELD® 4900 Conductive Coating

Category : Polymer , Adhesive , Thermoset

Material Notes:

CHO-SHIELD® 4900 silver-filled acrylic coating provides the highest levels of EMI shielding, as well as anti-static protection and grounding surfaces. It offers convenient fast tack and drying. Filler systems include nickel, silver, silver-copper, or nickel-silver blends. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-4900-Conductive-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.35 - 1.65 g/cc	1.35 - 1.65 g/cc	
Volatile Organic Compounds (VOC) Content	731 g/l	731 g/l	Bulk
Thickness	25.4 microns	1.00 mil	Recommended

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	93.0 °C	199 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.050 ohm	<= 0.050 ohm	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Shelf Life	6.00 Month	6.00 Month	Spray
	9.00 Month	9.00 Month	Bulk

Descriptive Properties	Value	Comments
Binder	Acrylic	
Consistency	Thin Fluid	
Coverage	34 ft ² /lb	
Filler	Ag	
Mix Ratio	1-part	

Descriptive Properties	Value	Comments
Spraying Viscosity, Zahn Cup	19 ± 2 sec	

Contact Songhan Plastic Technology Co.,Ltd.

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