

Parker Chomerics CHO-SHIELD® 2001 Conductive Coating

Category : Polymer , Adhesive , Thermoset

Material Notes:

Electrically conductive coatings provide corrosion protection for enclosure flanges which mate with EMI shielding gaskets. They can also provide a corrosion resistant conductive surface coating on aluminum or non-conductive composite substrates. CHO-SHIELD 2001 coating is light brown. It contains soluble chromate salts that minimize the effects of galvanic corrosion of the aluminum substrate, even in the event of a coating scratch. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-2001-Conductive-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.10 g/cc	3.10 g/cc	
Volatile Organic Compounds (VOC) Content	554 g/l	554 g/l	
Thickness	76.2 microns	3.00 mil	Recommended

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	85.0 °C	185 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.10 ohm	<= 0.10 ohm	

Processing Properties	Metric	English	Comments
Cure Time	120 min	2.00 hour	work life
	120 min @Temperature 24.0 °C	2.00 hour @Temperature 75.2 °F	followed by 30 min. at 121°C
Shelf Life	10100 min	168 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Binder	Urethane	
Color	Light Brown	

Consistency Descriptive Properties	Medium Fluid Value	Comments
Coverage	40 ft ² /qt	
Filler	Cu, Soluble Chromate salts	
Mix Ratio	Pre-measured kit	
Suggested Spraying	19 - 27 sec	

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