

Parker Chomerics CHO-SHIELD® 596 A/B Silver-Epoxy Coating

Category : Polymer , Adhesive , Thermoset , Epoxy , Epoxy, Electrically Conductive , Filled/Reinforced Thermoset

Material Notes:

Silver-Epoxy Coating. This is a two-component, silver bearing, highly conductive epoxy paint designed to provide EMI shielding when applied to a dielectric substrate. It is also useful for coating flanges for salt spray corrosion protection when mounting an electrically conductive gasket between the surfaces. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-596-AB-Silver-Epoxy-Coating.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.80 g/cc	1.80 g/cc	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.060 ohm	<= 0.060 ohm	

Processing Properties	Metric	English	Comments
Cure Time	60.0 min	1.00 hour	
	@Temperature 121 °C	@Temperature 250 °F	
	360 min	6.00 hour	
	@Temperature 65.0 °C	@Temperature 149 °F	
	10100 min	168 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Pot Life	480 min	480 min	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
	480 min	480 min	
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Shelf Life	9.00 Month	9.00 Month	@ 75°F
	9.00 Month	9.00 Month	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Binder	Epoxy	
Consistency	Medium Fluid	

Filler Descriptive Properties	Ap Value	Comments
Mix Ratio	100:37	
Spraying Viscosity, #2 Zahn Cup	19 - 26 sec	
Theoretical Yield	50 ft ² /lb	1.5 mil

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