

## Parker Chomerics CHO-SHIELD® 598 A/B Silver-Epoxy Coating

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

### Material Notes:

Silver-Epoxy Coating. This coating is a two-component, silver bearing, highly conductive epoxy paint designed to provide EMI shielding when applied to a plastic, non-conductive substrate. Used as a coating on aluminum flanges incorporating conductive EMI gaskets, it provides exceptional salt spray corrosion resistance. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-SHIELD-598-AB-Silver-Epoxy-Coating.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-598-AB-Silver-Epoxy-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 - 1.95 g/cc	1.65 - 1.95 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	and 1 hour at 150°F adn 1 hour at 250°F
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	60.0 min	1.00 hour	and 6 hours at 150°F
	@Temperature 23.9 °C	@Temperature 75.0 °F	
	10100 min	168 hour	
	@Temperature 23.9 °C	@Temperature 75.0 °F	
Pot Life	480 min	480 min	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shelf Life	9.00 Month	9.00 Month	
	@Temperature 24.0 °C	@Temperature 75.2 °F	

Descriptive Properties	Value	Comments
Binder	Epoxy	
Consistency	Medium Fluid	
Filler	Ag	
Mix Ratio	100:25	
Spraying Viscosity, #2 Zahn Cup	19 - 26 sec	Suggested

Theoretical Yield  
Descriptive Properties

50 ft<sup>2</sup>/gal  
Value

1.5 mil  
Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China