

Parker Chomerics CHO-FLEX 601 Conductive Coating

Category : Polymer , Thermoset , Polyurethane, TS

Material Notes:

CHO-FLEX™ 601 coating is specifically designed for EMI shielding of copper/Kapton flexible circuit laminates and for printing circuits on Kapton film. Upon cure, this coating exhibits excellent adhesion and flexibility, thermal stability, high conductivity, and superior peel strength. CHO-FLEX™ 601 coating can be sprayed or silkscreened, and will withstand wave solder temperatures above 500°F (260°C) without losing any of its exceptional properties. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-FLEX-601-Conductive-Coating.php

Physical Properties	Metric	English	Comments
Density	1.67 g/cc	0.0603 lb/in³	
Solids Content	58 %	58 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	>= 107 °C	>= 225 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.00015 ohm-cm @Thickness 0.0254 mm	0.00015 ohm-cm @Thickness 0.00100 in	film
Surface Resistivity per Square	<= 0.050 ohm @Thickness 0.0254 mm	<= 0.050 ohm @Thickness 0.00100 in	film

Processing Properties	Metric	English	Comments
Cure Time	3.00 min @Temperature 260 °C	0.0500 hour @Temperature 500 °F	Wave Solder
	90.0 min @Temperature 182 °C	1.50 hour @Temperature 360 °F	
	300 min @Temperature 163 °C	5.00 hour @Temperature 325 °F	Initial Cure
	5400 min @Temperature 182 °C	90.0 hour @Temperature 360 °F	Press Cycle
Shelf Life	6.00 Month	6.00 Month	

Descriptive Properties	Value	Comments
Adhesion	5B	ASTM D3359-78
Binder	Polyurethane	
Consistency	Thixotropic Paste	
Filler	Ag	
Resin	Polyurethane	
Theoretical Coverage	4320 in ² / lb	Actual coverage will be 50-100%

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