

## Parker Chomerics CHO-SHIELD® 4925 Conductive Coating

Category : Polymer , Adhesive , Thermoset , Acrylic/Cyanoacrylate Adhesive

### Material Notes:

Conductive Coating. CHO-SHIELD 4925 silver and nickel-filled conductive acrylic coating is intended for EMI shielding commercial thermoplastic housings. Its unique solvent system has been formulated to be compatible with ABS and with chemically sensitive resins such as polycarbonate. It is corrosion-resistant, withstands exposure to outdoor environments, and has been successfully tested in a 95% relative humidity environment for 48 hours, and a salt spray environment with only minor changes in surface resistivity. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-SHIELD-4925-Conductive-Coating.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-4925-Conductive-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.18 - 1.38 g/cc	1.18 - 1.38 g/cc	
Solids Content	48 - 50 %	48 - 50 %	
Thickness	25.4 microns	1.00 mil	Recommended

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	85.0 °C	185 °F	
Minimum Service Temperature, Air	-54.0 °C	-65.2 °F	

Electrical Properties	Metric	English	Comments
Surface Resistivity per Square	<= 0.20 ohm	<= 0.20 ohm	@ 1 mil

Processing Properties	Metric	English	Comments
Shelf Life	12.0 Month	12.0 Month	

Descriptive Properties	Value	Comments
Binder	Acrylic	
Color	Silver	
Consistency	Thin Fluid	
Filler	Ag, Ni	
Mix Ratio	1-part	
Spraying Viscosity, #2 Zahn Cup, sec	20 - 30	

Theoretical Coverage ft*2/gal Descriptive Properties	210 Value	Comments
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