

## Parker Chomerics CHO-SHIELD® 4914 Conductive Coating

Category : Polymer , Adhesive

### Material Notes:

Conductive Solvent-Resistant Acrylic Coating. Formulated for high resistance to solvent attack, CHO-SHIELD® 4914 is an electrically conductive, one-component acrylic coating. Compared to zinc arc spray, this nickel-filled paint provides low cost EMI shielding. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-SHIELD-4914-Conductive-Coating.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SHIELD-4914-Conductive-Coating.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.50 - 1.90 g/cc	1.50 - 1.90 g/cc	
Density	1.68 g/cc	0.0607 lb/in <sup>3</sup>	
Volatile Organic Compounds (VOC) Content	680 g/l	680 g/l	
Thickness	50.0 microns	1.97 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	<= 2.0 ohm	<= 2.0 ohm	

Processing Properties	Metric	English	Comments
Cure Time	1440 min	24.0 hour	
	@Temperature 24.0 °C	@Temperature 75.2 °F	
Shelf Life	9.00 Month	9.00 Month	

Descriptive Properties	Value	Comments
Binder	Acrylic	
Consistency	Medium Fluid	
Coverage	225 ft <sup>2</sup> /gal	
Filler	Ni	
Mix Ratio	1-part	

Descriptive Properties	Value	Comments
Spraying Viscosity, 7.2 Zahn Cup	19.42 sec	Suggested

## Contact Songhan Plastic Technology Co.,Ltd.

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