

## Parker Chomerics CHO-FORM 5532 EMI Shielding Material

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Silicone

### Material Notes:

One component, moisture cure, form-in-place EMI gasketing material. This electrically conductive formulation contains silver-plated copper particles dispersed in a silicone elastomer. Cho-Form® 5531 is designed to be robotically dispensed using high pressure dispense equipment. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-FORM-5532-EMI-Shielding-Material.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-FORM-5532-EMI-Shielding-Material.php)

Physical Properties	Metric	English	Comments
Specific Gravity	3.02 g/cc	3.02 g/cc	
	2.80 - 3.30 g/cc	2.80 - 3.30 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	26	26	Typical Value; ASTM D2240
	<= 45	<= 45	ASTM D2240
Tensile Strength at Break	>= 0.414 MPa	>= 60.0 psi	ASTM D412
	0.586 MPa	85.0 psi	Typical Value; ASTM D412
Compression Set	30 %	30 %	ASTM D395 Method B 22 hrs 85°C
	20 - 45 %	20 - 45 %	ASTM D395 Method B 22 hrs 85°C

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.020 ohm-cm	0.020 ohm-cm	Initial; Chomerics MAT-1002
	<= 0.020 ohm-cm	<= 0.020 ohm-cm	Aged; Chomerics MAT-1002
Shielding Effectiveness	>= 70 dB	>= 70 dB	Chomerics TP08

Processing Properties	Metric	English	Comments
Extrusion Rate	5.50 - 7.50 g/min	5.50 - 7.50 g/min	
Cure Time	2.00 min	0.0333 hour	85% RH
	@Temperature 65.0 °C	@Temperature 149 °F	
	3.00 min	0.0500 hour	85% RH
	@Temperature 30.0 °C	@Temperature 86.0 °F	

Descriptive Properties	Value	Comments
Filler	Ag/Cu	
Resin	One Part Silicone	
Shear Adhesion N/cm VMin	12	

## Contact Songhan Plastic Technology Co.,Ltd.

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