

Parker Chomerics CHO-SEAL® S6600 Conductive Elastomer

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

Material Notes:

Description: Low-end shielding and ESD protection; high tensile strength; no corrosion or fluid resistance. Molded only RoHS

Compliant Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-S6600-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.950 - 1.45 g/cc	0.950 - 1.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 - 82	68 - 82	ASTM D2240
Tensile Strength	>= 4.48 MPa	>= 650 psi	ASTM D412
Elongation at Break	>= 70 %	>= 70 %	ASTM D412
Compression Set	<= 45 % @Temperature 100 °C, Time 252000 sec	<= 45 % @Temperature 212 °F, Time 70.0 hour	ASTM D395, Method B

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.600 W/m-K @Pressure 2.07 MPa	4.16 BTU-in/hr-ft ² -°F @Pressure 300 psi	ASTM D5470
Maximum Service Temperature, Air	200 °C	392 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	Flex TR10

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 7.0 ohm-cm	<= 7.0 ohm-cm	without pressure-sensitive adhesive; CEPS-0002
Shielding Effectiveness	>= 50 dB @Frequency 1.00e+10 Hz	>= 50 dB @Frequency 1.00e+10 Hz	Plane Wave; Method 1, CHO-TM- TP08
	>= 60 dB @Frequency 2.00e+9 Hz	>= 60 dB @Frequency 2.00e+9 Hz	Plane Wave; Method 1, CHO-TM- TP08
	>= 80 dB	>= 80 dB	

Electrical Properties	@Frequency 1.00e+8 Metric Hz	@Frequency 1.00e+8 English Hz	E-Field; Method 1, CHO-TM-TP08 Comments
	>= 80 dB	>= 80 dB	
	@Frequency 5.00e+8 Hz	@Frequency 5.00e+8 Hz	E-Field; Method 1, CHO-TM-TP08

Descriptive Properties	Value	Comments
Binder	Silicone	
Filler	Carbon	
Heat Aging	<7 ohm-cm	150°C for 48 hr, CEPS-0002

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