

Parker Chomerics CHO-SEAL 1273 Conductive Elastomer

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

Material Notes:

Commercial Grade Conductive Elastomer Extrusions. These materials offer excellent cost/performance characteristics for commercial EMI gasket applications. These silicone and fluorosilicone based conductive elastomer materials offer excellent resistance to compression set over a wide temperature range, resulting in years of continuous service. Molded and Extruded Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-1273-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.45 - 3.95 g/cc	3.45 - 3.95 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	57 - 73	57 - 73	ASTM D2240
Tensile Strength at Break	>= 1.21 MPa	>= 175 psi	ASTM D412
Elongation at Break	>= 75 %	>= 75 %	ASTM D412
Compression Set	<= 32 % @Temperature 100 °C, Time 252000 sec	<= 32 % @Temperature 212 °F, Time 70.0 hour	ASTM D395 Method B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-65.0 °C	-85.0 °F	Flex TR10; ASTM D1329

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0040 ohm-cm	0.0040 ohm-cm	CEPS-0002
Shielding Effectiveness	>= 100 dB @Frequency 1.00e+8 Hz	>= 100 dB @Frequency 1.00e+8 Hz	E Field; CHO-TM-TP08
	>= 100 dB @Frequency 5.00e+8 Hz	>= 100 dB @Frequency 5.00e+8 Hz	E Field; CHO-TM-TP08
	>= 100 dB @Frequency 2.00e+9 Hz	>= 100 dB @Frequency 2.00e+9 Hz	Plane Wave; CHO-TM-TP08

Electrical Properties	≥ 100 dB Metric	≥ 100 dB English	Comments
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	Plane Wave; CHO-TM-TP08

Descriptive Properties	Value	Comments
Binder	Silicone	
Filler	Ag/Cu	
Heat Aging	<.01 ohm-cm	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