

Parker Chomerics CHO-SEAL L6303 Conductive Elastomer

Category : Polymer , Thermoset , Fluoropolymer, TS , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Good performance in moderately corrosive environments; material of choice for flange finishes needing "bite-through" for good electrical contact. Molded and Extruded RoHS Compliant Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-L6303-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.95 - 2.45 g/cc	1.95 - 2.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	55 - 75	55 - 75	ASTM D2240
Tensile Strength at Break	>= 1.03 MPa	>= 150 psi	ASTM D412
Elongation at Break	>= 60 %	>= 60 %	ASTM D412
Tear Strength	6.13 kN/m	35.0 pli	ASTM D624
Compression Set	<= 25 % @Temperature 100 °C, Time 252000 sec	<= 25 % @Temperature 212 °F, Time 70.0 hour	ASTM D395 Method B

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.800 W/m-K @Pressure 2.07 MPa	5.55 BTU-in/hr-ft²-°F @Pressure 300 psi	ASTM D5470
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	Flex TR10; ASTM D1329

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.10 ohm-cm	0.10 ohm-cm	as supplied without pressure sensitive adhesive; CEPS-0002
Shielding Effectiveness	>= 100 dB @Frequency 1.00e+8 Hz	>= 100 dB @Frequency 1.00e+8 Hz	CHO-TM-TP08
	>= 100 dB @Frequency 5.00e+8 Hz	>= 100 dB @Frequency 5.00e+8 Hz	CHO-TM-TP08

Electrical Properties	>= 100 dB Metric	>= 100 dB English	Comments
	@Frequency 2.00e+9 Hz	@Frequency 2.00e+9 Hz	CHO-TM-TP08
	>= 100 dB	>= 100 dB	CHO-TM-TP08
	@Frequency 1.00e+10 Hz	@Frequency 1.00e+10 Hz	

Descriptive Properties	Value	Comments
Binder	Fluoro-silicone	
Filler	Ni/C	
Heat Aging	<0.25 ohm-cm	125°C for 48 hrs; 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