

Parker Chomerics CHO-SEAL 1291 Conductive Elastomer

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

Material Notes:

Commercial Grade Conductive Elastomer. This material is electronically conductive and specially formulated to provide shielding against electromagnetic interference. It is a high-performance Chomeric product designed for EMI gasket applications. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-1291-Conductive-Elastomer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	65 - 75	65 - 75	
Tensile Strength at Break	>= 1.21 MPa	>= 175 psi	ASTM D412
Elongation at Break	>= 75 %	>= 75 %	ASTM D412
Compression Set	32 %	32 %	70 hrs; ASTM D395 Method B

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.0040 ohm-cm	0.0040 ohm-cm	CEPS-0002
Shielding Effectiveness	>= 100 dB	>= 100 dB	500 MHz (E Field); MIL-G-83528
	>= 100 dB	>= 100 dB	2 GHz (Plane Wave); MIL-G-83528
	>= 100 dB	>= 100 dB	10 GHz (Plane Wave); MIL-G-83528
	>= 100 dB	>= 100 dB	100 MHz (E Field); MIL-G-83528

Descriptive Properties	Value	Comments
Binder	Silicone	
Filler	Ag/Cu	
Heat Aging ohm-cm max	0.008	

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