

Parker Chomerics CHO-SEAL 1356 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. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-1356-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.70 g/cc	1.70 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength at Break	>= 0.689 MPa	>= 100 psi	ASTM D412
Elongation at Break	>= 50 %	>= 50 %	ASTM D412
Compression Set	<= 8.8 %	<= 8.8 %	70 hrs @ 100°C; ASTM D395

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.050 ohm-cm	0.050 ohm-cm	CEPS-0002
Shielding Effectiveness	>= 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
	>= 100 dB	>= 100 dB	500 MHz (E Field); MIL-G-83528

Descriptive Properties	Value	Comments
Binder	Silicone	
Filler	Ag/Glass	

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