

Parker Chomerics CHO-SEAL® 6370 Conductive Elastomer

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

Material Notes:

Flame Retardant Conductive Silicone Elastomer. CHO-SEAL 6370 EMI gaskets are conductive elastomers engineered for use in commercial electronic equipment where a high degree of flame retardancy and corrosion resistance are needed. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-6370-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.85 - 2.35 g/cc	1.85 - 2.35 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 70	50 - 70	ASTM D2240
Tensile Strength at Break	>= 1.03 MPa	>= 150 psi	
Elongation at Break	100 %	100 %	
Tear Strength	6.132 kN/m	34.99 pli	
Compression Set	<= 40 %	<= 40 %	ASTM D395 Method B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	
Flammability, UL94	V-0	V-0	
	@Thickness 0.356 mm	@Thickness 0.0140 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.10 ohm-cm	0.10 ohm-cm	
	0.25 ohm-cm	0.25 ohm-cm	Aged; CEPS-0002
Shielding Effectiveness	>= 95 dB	>= 95 dB	2 GHz (Plane Wave); MIL-G-83528
	>= 95 dB	>= 95 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	

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