

Parker Chomerics CHO-SEAL E6306 Conductive Elastomer

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

Material Notes:

Conductive Elastomer EMI/EMP Gaskets Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-E6306-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.65 - 2.15 g/cc	1.65 - 2.15 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	68 - 82	68 - 82	
Tensile Strength at Break	>= 1.38 MPa	>= 200 psi	ASTM D412
Elongation at Break	>= 75 %	>= 75 %	ASTM D412
Tear Strength	12.25 kN/m	69.90 pli	
Compression Set	40 %	40 %	70 hrs @ 100°C; ASTM D395 Method B

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	125 °C	257 °F	
Minimum Service Temperature, Air	-45.0 °C	-49.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.0 ohm-cm	5.0 ohm-cm	as supplied without pressure sensitive adhesive
Shielding Effectiveness	>= 85 dB	>= 85 dB	2 GHz (Plane Wave); MIL-G-83528
	>= 85 dB	>= 85 dB	10 GHz (Plane Wave); MIL-G-83528
	>= 90 dB	>= 90 dB	500 MHz (E Field); MIL-G-83528
	>= 95 dB	>= 95 dB	100 MHz (E Field); MIL-G-83528

Descriptive Properties	Value	Comments
Binder	EPDM	
Filler	Ni/C	
Heat Aging ohm-cm max	10	

Descriptive Properties	Value	Comments
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