

## Parker Chomerics CHO-SEAL® 6310 Extruded Elastomer

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

### Material Notes:

Low Cost Commercial Grade Extruded Elastomer. CHO-SEAL 6310 is the latest addition to Chomerics line of low cost, commercial grade EMI gaskets. This extruded material combines nickel-plated graphite filler in a silicone elastomer binder to offer high shielding effectiveness and a desirable price-performance balance. Information provided by Chomerics

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Parker-Chomerics-CHO-SEAL-6310-Extruded-Elastomer.php](http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-6310-Extruded-Elastomer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.55 - 2.05 g/cc	1.55 - 2.05 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 70	50 - 70	ASTM D2240
Tensile Strength at Break	>= 0.689 MPa	>= 100 psi	ASTM D412
Elongation at Break	>= 100 %	>= 100 %	ASTM D412
Compression Set	35 %	35 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.10 ohm-cm	0.10 ohm-cm	without pressure-sensitive adhesive; CEPS-0002
	<= 0.25 ohm-cm	<= 0.25 ohm-cm	After heat aging; CEPS-0002
Shielding Effectiveness	>= 80 dB	>= 80 dB	2 GHz (Plane Wave); MIL-G-83528
	>= 80 dB	>= 80 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		

Descriptive Properties	N/C Value	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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