

Parker Chomerics CHO-SEAL® 6315 Graphite Filled Elastomer

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

Material Notes:

EMI Gaskets. This extruded nickel-plated graphite filled elastomer addresses EMI shielding and environmental needs for both internal and external applications. It has an excellent performance in salt spray corrosion applications and there are options for addressing fluid immersion requirements as well as Underwriters Laboratories flammability requirements. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-6315-Graphite-Filled-Elastomer.php

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

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 64	50 - 64	
Tensile Strength at Break	>= 0.965 MPa	>= 140 psi	
Elongation at Break	>= 100 %	>= 100 %	
Tear Strength	6.13 kN/m	35.0 pli	
Compression Set	30 %	30 %	

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	150 °C	302 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 750 ohm-cm	<= 750 ohm-cm	initial; CEPS-0002
	<= 850 ohm-cm	<= 850 ohm-cm	Aged; CEPS-0002
Shielding Effectiveness	>= 80 dB	>= 80 dB	500 MHz (E Field); MIL-G-83528
	>= 80 dB	>= 80 dB	2 GHz (Plane Wave); MIL-G-83528
	>= 80 dB	>= 80 dB	10 GHz (Plane Wave); MIL-G-83528
	>= 80 dB	>= 80 dB	100 MHz (E Field); MIL-G-83528

Descriptive Properties	Value	Comments
Binder	Silicone	
Filler	Ni/C	
Galvanic Corrosion - CHO TM-100 mg	35	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com
Email : sales@lookpolymers.com
Tel : +86 021-51131842
Mobile : +86 13061808058
Skype : lookpolymers
Address : United North Road 215,Fengxian District, Shanghai City,China