

Parker Chomerics CHO-SEAL S6304 Conductive Elastomer

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

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-S6304-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	45 - 65	45 - 65	
Tensile Strength at Break	>= 1.03 MPa	>= 150 psi	ASTM D412
Elongation at Break	>= 100 %	>= 100 %	ASTM D412
Tear Strength	6.13 kN/m	35.0 pli	
Compression Set	30 %	30 %	70 hrs @ 100°C; 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	

Electrical Properties	Metric	English	Comments
Volume Resistivity	0.10 ohm-cm	0.10 ohm-cm	as supplied without pressure sensitive adhesive
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	
EMP Survivability kA / in, min	0.1	
Filler	Ni/C	

Descriptive Properties	Value	Comments
Heat Aging chm-cm max	0.22	

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