

Parker Chomerics CHO-SEAL 1260 Conductive Elastomer

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

Material Notes:

Conductive Elastomer. CHO-SEAL 1260 elastomer is a silver-filled-silicone intended for mounting silicon wafers during processes such as ion milling. It provides high levels of electrical and thermal conductivity, good flexibility and conformability, and a tacky surface for wafer attachment. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-SEAL-1260-Conductive-Elastomer.php

Physical Properties	Metric	English	Comments
Specific Gravity	3.20 - 3.50 g/cc	3.20 - 3.50 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	50 - 60	50 - 60	
Tensile Strength at Break	>= 1.52 MPa	>= 220 psi	ASTM D412
Elongation at Break	>= 250 %	>= 250 %	ASTM D412
Tear Strength	7.012 kN/m	40.01 pli	

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.2552 W/m-K	8.7111 BTU-in/hr-ft ² -°F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	<= 0.0080 ohm-cm	<= 0.0080 ohm-cm	DC
Shielding Effectiveness	>= 65 dB	>= 65 dB	10 GHz (Plane Wave); MIL-G-83528
	>= 65 dB	>= 65 dB	100 MHz (E Field); MIL-G-83528
	>= 65 dB	>= 65 dB	500 MHz (E Field); MIL-G-83528
	>= 70 dB	>= 70 dB	2 GHz (Plane Wave); MIL-G-83528

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