

Saint-Gobain COHRLastic[®] EC102 RFI/EMI Shielding, Electrically-Conductive Silicone

Category : Polymer , Thermoset , Silicone

Material Notes:

Description: EC102 electrically-conductive silicone performs three distinct functions: the carbon filler in it allows it to act as a low amperage conductor; it shields RF and EM interference; and it protects against electrostatic discharge. All data based on a 0.02 inch test sample.

(Other thicknesses available.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-COHRlastic-EC102-RFIEMI-Shielding-Electrically-Conductive-Silicone.php

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	60	60	ASTM D2240
Tensile Strength, Yield	4.83 MPa	700 psi	ASTM D412
Elongation at Break	200 %	200 %	ASTM D412
Tear Strength	10.5 kN/m	60.0 pli	Initial Tear Strength; ASTM D624, Die B
Compression Set	20 % @Temperature 100 Â°C	20 % @Temperature 212 Â°F	Constant Deflection, Value given for 22 hr; ASTM D395

Electrical Properties	Metric	English	Comments
Volume Resistivity	5.0 ohm-cm	5.0 ohm-cm	ASTM D991

Descriptive Properties	Value	Comments
Color	Black	

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