

Saint-Gobain COHRLastic[®] CF3320 Reinforced Solid Rubber

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

Material Notes:

Description: COHRLastic[®] CF silicone solid rubber reinforced with fiberglass is a dimensionally-stable, durable material for press pads, belting and gasketing. It is available in six constructions. CF 3320, available in three thicknesses, was developed to meet AMS 3320. Consequently, 3320 has lubricating oil resistance and excellent compression set resistance. All data based on a 0.0625 inch test sample. (Also available in 3/32, 1/8; Thickness shown is for silicone rubber. Fiberglass thickness = 0.014".) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-COHRLastic-CF3320-Reinforced-Solid-Rubber.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	1.5 g/l	1.5 g/l	Weight Loss (4 hrs at 400Å°F)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	74	74	
Elongation at Break	<= 10 %	<= 10 %	
Flexural Strength	5.17 MPa	750 psi	Diaphragm Burst Strength
Tear Strength	52.6 kN/m	300 pli	

Thermal Properties	Metric	English	Comments
CTE, linear	270 Åµm/m-Å°C	150 Åµin/in-Å°F	Silicone rubber component
	@Temperature 20.0 Å°C	@Temperature 68.0 Å°F	
Thermal Conductivity	0.274 W/m-K	1.90 BTU-in/hr-ftÅ²-Å°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	19.7 kV/mm	500 kV/in	

Descriptive Properties	Value	Comments
Color	Red	

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