

Saint-Gobain COHRLastic[®] CF4444 Reversion Resistant 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 4444 has a specially formulated rubber compound to give better reversion resistance. The reinforcement is a special crush-resistant fiberglass, making the product excellent for press pads in high-temperature and pressure lamination applications. 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 = 0.135".) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-COHRLastic-CF4444-Reversion-Resistant-Reinforced-Solid-Rubber.php

Physical Properties	Metric	English	Comments
Volatile Organic Compounds (VOC) Content	<= 0.50 g/l	<= 0.50 g/l	Weight Loss (4 hrs at 400Å°F)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	79	79	
Elongation at Break	<= 10 %	<= 10 %	
Flexural Strength	5.52 MPa	800 psi	Diaphragm Burst Strength
Tear Strength	70.1 kN/m	400 pli	

Thermal Properties	Metric	English	Comments
CTE, linear	270 Åµm/m-Å°C @Temperature 20.0 Å°C	150 Åµin/in-Å°F @Temperature 68.0 Å°F	Silicone rubber component
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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