

Saint-Gobain COHRLastic® CF4050 General Purpose 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 4032 and CF 4050 are thin, flexible and abrasion-resistant for general purpose use. All data based on a 0.05 inch test sample. (Tolerance of .005"; 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-CF4050-General-Purpose-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 400°F)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	75	75	
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 µm/m-°C @Temperature 20.0 °C	150 µin/in-°F @Temperature 68.0 °F	Silicone rubber component
Thermal Conductivity	0.274 W/m-K	1.90 BTU-in/hr-ft²-°F	

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

Descriptive Properties	Value	Comments
Color	Gray	

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