

Fujipoly Industries Sarcon[®] GR-k Gap Filler Pad

Category : Polymer , Thermoset , Silicone

Material Notes:

Sarcon GR-k is a general type of thermal conductive gel material (no electricity conductive) in a versatile sheet form that easily fits and adheres to most all shapes and sizes of components, and make reliable and complete physical contact. Information provided by Fujipoly Industries

Order this product through the following link:

http://www.lookpolymers.com/polymer_Fujipoly-Industries-Sarcon-GR-k-Gap-Filler-Pad.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.30 g/cc	2.30 g/cc	JIS-K-6220; ASTM D-792

Mechanical Properties	Metric	English	Comments
Hardness, Shore OO	48	48	SRIS0101; ASTM D-2240
Tensile Strength, Yield	0.300 MPa	43.5 psi	JIS-K-6251(#2)/ASTM D-412
Elongation at Yield	250 %	250 %	JIS-K-6251(#2)/ASTM D-412
Tear Strength	1.50 kN/m	8.56 pli	JIS-K-6252 (Angle)/ASTM D-624

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.20 W/m-K	8.33 BTU-in/hr-ft ² - °F	JIS-R-2618; ASTM D2326
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	4.20e+12 ohm-cm	4.20e+12 ohm-cm	JIS-K-6249/ASTM D257
Dielectric Strength	16.0 kV/mm	406 kV/in	JIS-K-6249; ASTM D-149
Dielectric Breakdown	7000 V	7000 V	Withstand Voltage [V/min]; JIS-K-6249; ASTM D-149

Descriptive Properties	Value	Comments
Color	Grey	

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