

Parker Chomerics CHO-THERM® 1646 Non-Insulating Interface Material

Category : Ceramic , Nitride , Polymer , Thermoset , Silicone

Material Notes:

Description: CHO-THERM® 1646 pads offer the best available thermal performance, without the use of grease, in applications where electrical isolation is not required. The low thermal impedance of CHO-THERM® 1646 materials approximates that of thermal grease. One-component CHO-THERM® 1646 pads eliminate the need for grease dispensing equipment or the labor-intensive application process. CHO-THERM® 1646 materials consist of boron nitride-filled silicone coated on one side of .002 in (.05 mm) aluminum foil. Acrylic pressure sensitive adhesive is on the other side of the foil. Information provided by Chomerics

Order this product through the following link:

http://www.lookpolymers.com/polymer_Parker-Chomerics-CHO-THERM-1646-Non-Insulating-Interface-Material.php

Physical Properties	Metric	English	Comments
Thickness	130 microns	5.12 mil	

Mechanical Properties	Metric	English	Comments
Tensile Strength	34.5 MPa	5000 psi	ASTM D412
Tear Strength	30.7 kN/m	175 pli	ASTM D624
Peel Strength	0.180 kN/m	1.03 pli	to Aluminum; ASTM D1876

Thermal Properties	Metric	English	Comments
Thermal Conductivity	1.10 W/m-K	7.63 BTU-in/hr-ft ² -°F	MIL-I-49456a
Maximum Service Temperature, Air	175 °C	347 °F	
Minimum Service Temperature, Air	-60.0 °C	-76.0 °F	
Flammability, UL94	V-0	V-0	

Descriptive Properties	Value	Comments
Binder	Silicone	
Carrier	Aluminum	
Color	White/Silver	
Filler	Boron Nitride	

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