

Saint-Gobain Furon®, Kapton® K275 Tape

Category : Polymer , Adhesive , Tape , Thermoplastic

Material Notes:

Description: A 1 mil thermally conductive Kapton® film, coated on both sides with 2 mils of thermally-conductive pressure-sensitive adhesive. Recommended uses: Excellent for use in small, compact environments where electrical conductivity of interface material can pose a threat. Application Advantages: Kapton (MT) provides excellent dielectric strength while minimizing thermal resistance. High peel strength adhesion to minimize air entrapment. Material can be pre-attached to a heat sink or CPU. Adverse effects of surface roughness are minimized through a highly conformable pressure-sensitive adhesive. Flame Retardant version available. Available in slit-rolls or die-cut shapes. All data based on a 0.0045 inch test sample. Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-Furon-Kapton-K275-Tape.php

Mechanical Properties	Metric	English	Comments
Tear Strength	2.80 kN/m	16.0 pli	Tensile Strength; ASTM D1000

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.400 W/m-K	2.78 BTU-in/hr-ft²-°F	ASTM E1530
Maximum Service Temperature, Air	149 °C	300 °F	
Minimum Service Temperature, Air	-28.9 °C	-20.0 °F	

Electrical Properties	Metric	English	Comments
Volume Resistivity	3.80e+14 ohm-cm	3.80e+14 ohm-cm	ASTM D257
Dielectric Strength	51.2 kV/mm	1300 kV/in	ASTM D1000

Descriptive Properties	Value	Comments
Color	Green	
Thermal Impedance @ 10 psi	0.4°C in²/W	ASTM E1530

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