Saint-Gobain CHR® 2345-5 Polyimide Film Backing Silicone Adhesive Pressure Sensitive Tape

Category : Polymer , Tape , Thermoset , Polyimide, TS , Silicone

Material Notes:

Description: Polyimide films are employed because of their extreme heat resistance. Service temperatures range from -100°F to 500°F (-73°C to 260°C). These flame retardant films exhibit high tensile strength and conformability, good solvent resistance, excellent dielectric strength and good abrasion resistance. Polyimide tape applications include electrical insulation, capacitor, transformer and coil wrapping, electronic assembly, and wave solder protection. This tape uses a silicone adhesive system. Perfect for extreme temperature applications, silicone adhesives perform in continuous operating temperatures from -100°F to 500° (-73°C to 260°C). Silicone-based adhesive systems exhibit good chemical resistance, retain electrical properties, and remove cleanly with little or no residue. All data based on a 0.0065 inch test sample.(Thickness given is for both backing and adhesive. Backing thickness is .005 inches.) Information provided by Saint Gobain Performance Products.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Saint-Gobain-CHR-2345-5-Polyimide-Film-Backing-Silicone-Adhesive-Pressure-Sensitive-Tape.php

Mechanical Properties	Metric	English	Comments
Elongation at Break	75 %	75 %	
Tear Strength	26.3 kN/m	150 pli	Initial Tear Strength

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	260 °C	500 °F	
Minimum Service Temperature, Air	-73.3 °C	-100 °F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	103.0 kV/mm	2615 kV/in	
Dielectric Breakdown	17000 V	17000 V	

Descriptive Properties	Value	Comments
Color	Amber	

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