

## CEN® Electronic Material CS Polyimide Tape

Category : Polymer , Thermoset , Polyimide, TS , Polyimide, Thermoset Film

### Material Notes:

CEN® CS polyimide tape is made of CEN® CN polyimide film coated with a high performance silicone adhesive. The tape shows excellent dielectric and insulation properties, high heat resistant, excellent solvent resistant, outstanding tear and abrasion resistance at elevated temperatures, and mask-off gold finger contacts during wave soldering. Applications: Application in surface mounting process PCB gold finger shielding SMT wave soldering reflow soldering Flexibility printed circuit fixed to the base board in SMT process Insulation in electrical equipments Electronic high-tension transformer (Inverter) F/H class electrical motor, transformers insulation binding Lithium battery battery-pile insulation binding High temperature powder coating, electrostatic spraying masking Electroplating protection Coil material splicing under high temperature All information provided by CEN Electronic Material Co., LTD.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_CEN-Electronic-Material-CS-Polyimide-Tape.php](http://www.lookpolymers.com/polymer_CEN-Electronic-Material-CS-Polyimide-Tape.php)

Physical Properties	Metric	English	Comments
Thickness	25.0 microns	0.984 mil	Substrate; Standard
	25.0 microns	0.984 mil	Substrate; Testing Results
	60.0 microns	2.36 mil	Total; Standards
	63.0 microns	2.48 mil	Total; Testing Results

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 73.3 MPa	>= 10600 psi	110 N/25mm; Standards
	>= 86.7 MPa	>= 12600 psi	130 N/25mm; Testing Results

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	250 °C	482 °F	10 minutes; Pass

Electrical Properties	Metric	English	Comments
Insulation Resistance	1.00e+12 ohm	1.00e+12 ohm	Standards
	2.00e+12 ohm	2.00e+12 ohm	Testing Results
Dielectric Breakdown	5000 V	5000 V	Standards
	5200 V	5200 V	Testing Results

Descriptive Properties	Value	Comments
Adhesion Strength (N/25mm)	Standards	

Descriptive Properties

Testing Results  
Value

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

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