

CEN® Electronic Material CV Polyimide Film, 5 Mil Thickness

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

Material Notes:

CEN®CV polyimide film keeps the same film properties as CEN®CN polyimide film, and has an excellent balance of physical, chemical, and electrical properties over a wide temperature range. With superior dimensional stability at elevated temperatures, CEN®CV polyimide film is ideal for high temperature applications that require a low-shrinkage film. Applications: sensors, gaskets, electronic parts, pin grids, coverlay film, TAB tapes, reinforced board for FPC. All information provided by CEN Electronic Material Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CEN-Electronic-Material-CV-Polyimide-Film-5-Mil-Thickness.php

Physical Properties	Metric	English	Comments
Thickness	117 - 133 microns	4.61 - 5.24 mil	ASTM D374

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	145 MPa	21000 psi	ASTM D882
Film Tensile Strength at Yield, TD	135 MPa	19600 psi	ASTM D882
Film Elongation at Yield, MD	>= 45 %	>= 45 %	ASTM D882
Film Elongation at Yield, TD	>= 50 %	>= 50 %	ASTM D882

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	ASTM D257
Surface Resistance	>= 1.00e+14 ohm	>= 1.00e+14 ohm	ASTM D257
Dielectric Strength	>= 130 kV/mm	>= 3300 kV/in	ASTM D149

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