

CEN® Electronic Material BL Polyimide Film

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

Material Notes:

CEN®BL polyimide film is a printable film that has the same thermal and chemical properties as CEN®CN Polyimide Film, which offers excellent performance in temperatures from -269-400°C. CEN®BL is pigmented to provide contrast and eliminate the need for opaque coatings. Printing on BL can be accomplished with thermal transfer and laser printing. Applications: Labels for high temperature, cryogenic storage, harsh chemical environments, and printed circuit board identification. All information provided by CEN Electronic Material Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CEN-Electronic-Material-BL-Polyimide-Film.php

Physical Properties	Metric	English	Comments
Density	1.42 g/cc	0.0513 lb/in ³	
Thickness	46.0 - 54.0 microns	1.81 - 2.13 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
Elongation at Yield	>= 45 %	>= 45 %	ASTM D882

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+13 ohm-cm	>= 1.00e+13 ohm-cm	
Surface Resistivity per Square	>= 1.00e+13 ohm	>= 1.00e+13 ohm	ASTM D257

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