

CEN® Electronic Material CN Polyimide Film, 1 Mil Thickness

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

Material Notes:

CEN®CN polyimide film is typical general-purpose polyimide film and has been used successfully in applications at temperatures as low as -269°C (-452°F) and as high as 400°C (752°F). CN film can be laminated, metallized, punched, formed or adhesive coated. CEN®CN is used for applications that require an all-polyimide film with an excellent balance of properties over a wide range of temperatures. Applications: mechanical parts, electronic parts, electrical insulation, pressure sensitive tape, fiber optics cable, insulation blankets, insulation tubing, automotive diaphragms sensors and manifolds. All information provided by CEN Electronic Material Co., LTD.

Order this product through the following link:

http://www.lookpolymers.com/polymer_CEN-Electronic-Material-CN-Polyimide-Film-1-Mil-Thickness.php

Physical Properties	Metric	English	Comments
Thickness	22.0 - 28.0 microns	0.866 - 1.10 mil	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	150 MPa	21800 psi	
Film Tensile Strength at Yield, TD	145 MPa	21000 psi	
Film Elongation at Yield, MD	>= 45 %	>= 45 %	
Film Elongation at Yield, TD	>= 45 %	>= 45 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 1.00e+14 ohm-cm	>= 1.00e+14 ohm-cm	
Surface Resistance	>= 1.00e+15 ohm	>= 1.00e+15 ohm	
Dielectric Strength	>= 200 kV/mm	>= 5080 kV/in	

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