

## CEN® Electronic Material CN Polyimide Film, 6 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-6-Mil-Thickness.php](http://www.lookpolymers.com/polymer_CEN-Electronic-Material-CN-Polyimide-Film-6-Mil-Thickness.php)

Physical Properties	Metric	English	Comments
Thickness	140 - 160 microns	5.51 - 6.30 mil	

Mechanical Properties	Metric	English	Comments
Film Tensile Strength at Yield, MD	125 MPa	18100 psi	
Film Tensile Strength at Yield, TD	115 MPa	16700 psi	
Film Elongation at Yield, MD	>= 45 %	>= 45 %	
Film Elongation at Yield, TD	>= 45 %	>= 45 %	

Electrical Properties	Metric	English	Comments
Volume Resistivity	>= 5.00e+12 ohm-cm	>= 5.00e+12 ohm-cm	
Surface Resistance	>= 5.00e+13 ohm	>= 5.00e+13 ohm	
Dielectric Strength	>= 120 kV/mm	>= 3050 kV/in	

## Contact Songhan Plastic Technology Co.,Ltd.

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