



\*\* PROPYLUX® is the registered trademark of

**WESTLAKE PLASTICS COMPANY**

**PRODUCT CAPABILITIES:**

- Heavy Gauge Sheet : 1/4" - 2

**ADVANTAGES:**

- Non-Sloughing
- Carbon Fiber Filled
- Good Chemical Resistance
- High Strength And Stiffness
- Good Temperature Resistance To 121°C
- Light Weight, Easily Machined And Fabricated
- Good Mechanical Properties

**PRODUCT COLORS:**

- Black

**APPLICATIONS INCLUDE:**

- Transfer Pallet
- Equipment In The Electrical/ Electronic Or Semiconductor Industry

GENERAL PROPERTIES	ASTM or UL Test	PROPYLUX® CN-F Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	D792	0.98
Water Absorption, 24 hrs (%)	D570	0.01
<b>MECHANICAL</b>		
Tensile Strength (psi)	D638	9,500
Tensile Elongation at Yield (%)	D638	2.5
Flexural Strength (psi)	D790	11,000
Flexural Modulus (psi)	D790	750,000
IZOD Notched Impact (ft-lb/in)	D256	1.1
IZOD Un-Notched Impact (ft-lb/in)	D256	4.5
Hardness, Shore D	D2240	63
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> in./in./°F)	D696	-
Heat Deflection Temp (°F / °C) @ 264 psi	D648	250 / 121
Thermal Conductivity (BTU-in/ft <sup>2</sup> -hr-°F)	C177	-
Flammability Rating @ .030"	UL-94	HB
<b>ELECTRICAL</b>		
Surface Resistivity (ohms/sq)	D257	10 <sup>2</sup> - 10 <sup>6</sup>
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	10 <sup>2</sup> - 10 <sup>6</sup>
Static Decay, 15% RH (seconds)	MIL-B-81705-B	< 0.1

NOTE: The information contained here in is typical values intended for reference only. They should NOT be used as a basis for design specifications or quality control.