



PROPYLUX® CN-F

Conductive PolyPropylene / Conductive PP



** 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
PHYSICAL		
Specific Gravity (g/cm ³)	D792	0.98
Water Absorption, 24 hrs (%)	D570	0.01
MECHANICAL		
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
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	D696	-
Heat Deflection Temp (°F / °C) @ 264 psi	D648	250 / 121
Thermal Conductivity (BTU-in/ft ² -hr-°F)	C177	-
Flammability Rating @ .030"	UL-94	HB
ELECTRICAL		
Surface Resistivity (ohms/sq)	D257	10 ² - 10 ⁶
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	10 ² - 10 ⁶
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.

Pactumax International Pte Ltd

Blk 5, Ang Mo Kio Industrial Park 2A, #01-14, AMK Tech 2, Singapore 567760
Tel: 65 6482 5006 | Fax: 65 6482 5703 | Email: sales@pactumax.com | Website: www.pactumax.com