



** LENNITE® is the registered trademark of

WESTLAKE PLASTICS COMPANY

PRODUCT CAPABILITIES:

- Heavy Gauge Sheet : 1/4" - 2"

ADVANTAGES:

- Low Friction
- Moisture Repellent Material
- High Impact Strength / Light Weight
- Excellent Abrasion Resistance
- Good Chemical And Stress Crack Resistance

PRODUCT COLORS:

- Black

APPLICATIONS INCLUDE:

- Impact Strip
- Equipment In The Electrical/ Electronic Or Semiconductor Industry
- Conveyor Belt / Rail

GENERAL PROPERTIES	ASTM or UL Test	LENNITE® Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	D792	0.93
Water Absorption, 24 hrs (%)	D570	Nil
MECHANICAL		
Tensile Strength at Break (psi)	D638	6,000
Tensile Elongation at Break (%)	D638	> 350.0
Flexural Strength (psi)	D790	-
Flexural Modulus (psi)	D790	-
IZOD Notched Impact (ft-lb/in)	D256	18
IZOD Un-Notched Impact (ft-lb/in)	D256	-
Hardness, Shore D	D2240	61
THERMAL		
Coeff. of Thermal Expansion(x 10 ⁻⁵ in./in./°F)	D696	11
Heat Deflection Temp (°F / °C) @ 66 psi	D648	203 / 95
Thermal Conductivity (BTU-in/ft ² -hr-°F)	C177	-
Flammability Rating @ .030"	UL-94	-
ELECTRICAL		
Dielectric Strength (Kv/cm)	D149	900
Dielectric Constant @ 60Hz	D150	2.3
Dielectric Factor @ 50Hz	D150	0.00019
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	> 10 ¹⁶

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.