



** ABSYLUX® is the registered trademark of

WESTLAKE PLASTICS COMPANY

PRODUCT CAPABILITIES:

- Rod : 1/4" - 6"
- Heavy Gauge Sheet : 1/8" - 4"
- Film : 0.001" - 0.029"

ADVANTAGES:

- Tough
- Very Stiff
- Formable
- Good Impact Strength
- Excellent Aesthetic Qualities
- FDA Compliant

PRODUCT COLORS:

- Black
- Beige (Natural)

APPLICATIONS INCLUDE:

- Aircraft Interior Trims, Cassette Holders
- Machine Housing And Bins
- Trays, Luggage, Model Building
- Water Purification Equipment
- Automotive Parts And Laboratory Equipment

GENERAL PROPERTIES	ASTM or UL Test	ABSYLUX®/ABS Typical Values
PHYSICAL		
Specific Gravity (g/cm ³)	D792	1.04
Water Absorption, 24 hrs (%)	D570	-
MECHANICAL		
Tensile Strength (psi)	D638	6,100
Tensile Elongation at Yield (%)	D638	-
Flexural Strength (psi)	D790	10,500
Flexural Modulus (psi)	D790	340,000
IZOD Notched Impact (ft-lb/in)	D256	7.7
IZOD Un-Notched Impact (ft-lb/in)	D256	-
Hardness	D7852	R105
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	D696	4.1
Heat Deflection Temp (°F / °C) @ 264 psi	D648	203 / 95
Thermal Conductivity (BTU-in/ft ² -hr-°F)	C177	-
Flammability Rating @ .059"	UL-94	HB
ELECTRICAL		
Surface Resistivity (ohms/sq)	D257	-
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	-
Static Decay, 15% RH (seconds)	MIL-B-81705-B	-

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.