



\*\* NORYL® is the registered trademark of

**WESTLAKE PLASTICS COMPANY**

### PRODUCT CAPABILITIES:

- Sheet : 3/8" - 6"
- Rod : 1/2" - 6"
- Film : 0.0602" – 0.187"

### ADVANTAGES:

- Outstanding Mechanical, Thermal, Electrical Properties
- Excellent Dimensional Stability
- UL94 Rated V-O @ 0.236"
- Low Moisture Absorption
- Good Impact Resistance
- High Dielectric Strength
- Easy To Fabricate, Paint & Glue

### PRODUCT COLORS:

- Black

### APPLICATIONS INCLUDE:

- Manifolds
- Pump, Valve And Fitting Applications
- Scientific And Analytical Instrument Components
- Housings
- Covers
- Electrical Components

GENERAL PROPERTIES	ASTM or UL Test	NORYL® EN 265 Typical Values
<b>PHYSICAL</b>		
Specific Gravity (g/cm <sup>3</sup> )	D792	1.08
Water Absorption, 24 hrs (%)	D570	0.07
<b>MECHANICAL</b>		
Tensile Strength (psi)	D638	9,200
Tensile Elongation at Break (%)	D638	25
Flexural Strength (psi)	D790	14,400
Flexural Modulus (psi)	D790	370,000
IZOD Notched Impact (ft-lb/in)	D256	3.5
IZOD Un-Notched Impact (ft-lb/in)	D256	–
Hardness, Rockwell	D7852	R119
<b>THERMAL</b>		
Coeff. of Thermal Expansion (x 10 <sup>-5</sup> in./in./°F)	D696	3.3
Heat Deflection Temp (°F / °C) @ 264 psi	D648	254 / 123
Thermal Conductivity (BTU-in/ft <sup>2</sup> -hr-°F)	C177	–
Flammability Rating @ 0.236"	UL-94	V-O
<b>ELECTRICAL</b>		
Dielectric Strength (Kv/cm)	D149	500
Dielectric Constant @ 60 Hz	D150	2.69
Dielectric Factor @ 50 Hz	D150	0.0007
Volume Resistivity (ohm-cm) at 73°F, 50% RH	D257	–

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.