



NORYL® SEI GFN3

Modified PolyPhenylene Oxide 30% Glass Filled / Modified PPO 30% GF



** NORYL® is the registered trademark of

WESTLAKE PLASTICS COMPANY

PRODUCT CAPABILITIES:

- Sheet : 1/8" - 6"

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:

- Grey

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
PHYSICAL		
Specific Gravity (g/cm ³)	D792	1.23
Water Absorption, 24 hrs (%)	D570	0.06
MECHANICAL		
Tensile Strength (psi)	D638	15,500
Tensile Elongation at Break (%)	D638	5
Flexural Strength (psi)	D790	22,000
Flexural Modulus (psi)	D790	830,000
IZOD Notched Impact (ft-lb/in)	D256	2.0
IZOD Un-Notched Impact (ft-lb/in)	D256	-
Hardness, Rockwell	D7852	L106
THERMAL		
Coeff. of Thermal Expansion (x 10 ⁻⁵ in./in./°F)	D696	1.4
Heat Deflection Temp (°F / °C) @ 264 psi	D648	270 / 132
Thermal Conductivity (BTU-in/ft ² -hr-°F)	C177	-
Flammability Rating @ 0.236"	UL-94	V-O
ELECTRICAL		
Dielectric Strength (Kv/cm)	D149	600
Dielectric Constant @ 60 Hz	D150	2.98
Dielectric Factor @ 50 Hz	D150	0.0016
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.