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Norylux™ GF



Norylux™ GF is a 30% glass reinforced polyphenylene oxide. This product offers excellent dimensional stability and greater strength and stiffness at both room and elevated temperatures when compared to unfilled polyphenylene oxide.

INDUSTRY



Engineering

COLORS AVAILABLE



Grey

ATTRIBUTES

 Dimensional Stability	
 Strength	
 Stiffness	
 Dielectric Properties	

SHAPES

Compression Sheet	
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TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	1,013 kpsi	6,984 MPa
Flexural Strength - Yield	D790	24.9 kpsi	172 MPa
Izod Impact Resistance - Notched	D256	2.19 ft-lb/in	117 J/m
Tensile Elongation @ Break	D638	5.00 %	5.00 %
Tensile Modulus	D638	1,327 kpsi	9,150 MPa
Tensile Strength @ Break	D638	17.4 kpsi	120 MPa
Thermal			
HDT @ 264 psi	D648	275 °F	135 °C
HDT @ 64 psi	D648	284 °F	140 °C
Physical			
Moisture Absorption	D570	0.06 %	0.06 %
Specific Gravity	D792	1.31	1.31

*Data above is based on testing of injection molded test specimens



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PRODUCT SHAPES & DIMENSIONS

Compression Sheets: 24"W x 48"L (61cm x 122cm)

0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1" (25.4mm)	1.5" (38.1mm)
1.75" (44.45mm)	2" (50.8mm)	2.5" (63.5mm)	3" (76.2mm)	3.5" (88.9mm)	4" (101.6mm)

Compression Sheets: 48"W x 96"L (122cm x 244cm)

1.5" (38.1mm)	3" (76.2mm)	4" (101.6mm)
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Compression Sheets: 60"W x 120"L (152cm x 305cm)

1" (25.4mm)

LAST REVISED: 01/30/2025

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