



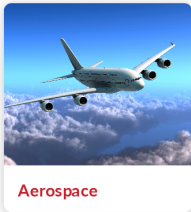
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Tempalux® GF30

 Placeholder photo for Tempalux® GF30

Tempalux® GF30 is a 30% glass reinforced, amorphous Polyetherimide (PEI) polymer. This product offers high dielectric strength, excellent strength at elevated temperatures, high modulus, and broad chemical resistance. With 30% glass fiber reinforcement the product offers greater levels of tensile strength, stiffness, and dimensional stability over 20% glass reinforced Tempalux®.

INDUSTRY



COLORS AVAILABLE



ATTRIBUTES

	Chemical Resistance	
	Heat Resistant	
	Dimensional Stability	
	Dielectric Properties	

SHAPES

Compression Sheet	
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TECHNICAL SPECIFICATIONS

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
Mechanical			
Flexural Modulus	D790	1,3 kpsi	8,960 MPa
Flexural Strength - Break	D790	32.9 kpsi	227 MPa
Izod Impact, notched	D256	1.59 ft-lb/in	85 J/m
Tensile Elongation @ Break	D638	3.00 %	3.00 %
Tensile Modulus	D638	1.3 kpsi	9,300 MPa
Tensile Strength @ Break	D638	22.9 kpsi	158 MPa
Tensile Strength @ Yield	D638	24 kpsi	168 MPa
Thermal			
HDT @ 264 psi	D648	410 °F	210 °C
HDT @ 64 psi	D648	413 °F	212 °C
Physical			
Moisture Absorption	D570	0.16 %	0.16 %
Specific Gravity	D792	1.51	1.51
Electrical			
Volume Resistivity	D257	30,967,680 ohm-ft	1,016,000 ohm-cm

SIZING

Compression Sheet Sizing

48" Length by 24" Width

0.375" (9.53mm) 0.5" (12.7mm) 0.75" (19.05mm)

LAST REVISED: 06/06/2022

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