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# Pomalux® GF



Pomalux® POMC GF is a 25% glass fiber reinforced, acetal copolymer. The glass fibers produce a material with higher strength and stiffness and improved heat resistance than standard unfilled acetal copolymer.

## INDUSTRY




Engineering

## COLORS AVAILABLE




Black


## ATTRIBUTES

-  Stiffness


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-  Strength

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-  Dielectric Properties

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-  Chemical Resistance

## SHAPES

- Compression Sheet



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## TYPICAL PROPERTIES

PROPERTY	TEST STANDARD	ENGLISH UNITS	METRIC UNITS
<b>Mechanical</b>			
Tensile Strength - Break	ASTM D638	16,000 psi	110 Mpa
Tensile Elongation - Break	ASTM D638	2 %	2 %
Tensile Modulus	ASTM D638	1,250,000 psi	8,600 Mpa
Flexural Strength	ASTM D790	22,000 psi	152 MPa
Flexural Modulus	ASTM D790	1,100,000 psi	7,580 Mpa
Izod Impact Resistance - Notched	ASTM D256	1.1 ft-lb/in	0.059 kJ/m
<b>Thermal</b>			
HDT @ 264 psi	ASTM D648	325°F	163°C
<b>Physical</b>			
Specific Gravity	ASTM D792	1.58	1.58
<b>Other</b>			

\*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)

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0.25" (6.35mm)	0.375" (9.53mm)	0.5" (12.7mm)	0.75" (19.05mm)	1.0" (25.4mm)	1.25" (31.75mm)
1.5" (38.1mm)	1.75" (44.45mm)	2.0" (50.8mm)			

LAST REVISED: 01/30/2025

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