

## Technical Data Sheet

## Glastic® 1120

GFK-UP

## Typical characteristics

- UL® Recognized
- High Strength
- Corrosion resistant

## Typical industries

- Building industry
- Fume Hood Liners
- Chemical Storage Cabinets

	Test method	Unit	Guideline value
<b>General properties</b>			
Standard Color			White
UL Recognition File Number			R9599
<b>Mechanical properties</b>			
Flexural Strength	ASTM D 790	psi	22,100
Flexural Strength @130°C	ASTM D 790	psi	13,100
Compressive Strength	ASTM D 695	psi	33,100
Tensile Strength	ASTM D 638	psi	7,800
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	8.9
<b>Thermal properties</b>			
Coefficient of Thermal Expansion	ASTM D 696	(in./in.°C) x 10-5	2
Thermal Conductivity	ASTM C 177		1.9
<b>Flame resistance properties</b>			
Tunnel Test - Flame Spread - U.S. Calculation	ASTM E 84		15
Tunnel Test - Flame Spread - Canadian Calculation	ASTM E 84		20
Smoke Developed	ASTM E 84		500+
<b>Physical properties</b>			
Water Absorption	ASTM D 570	% by wt.	0.4
Specific Gravity	ASTM D 792		1.81

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[ri-inquiry@roechling.com](mailto:ri-inquiry@roechling.com) • [www.roechling.com/industrial/materials](http://www.roechling.com/industrial/materials)

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