

Technical Data Sheet

Glastic® 1125

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
General properties			
Standard Color			White
UL Recognition File Number			R9599
Mechanical properties			
Flexural Strength	ASTM D 790	psi	18,000
Flexural Strength @130°C	ASTM D 790	psi	12,000
Compressive Strength	ASTM D 695	psi	40,000
Tensile Strength	ASTM D 638	psi	7,500
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	8.4
Thermal properties			
Coefficient of Thermal Expansion	ASTM D 696	(in./in.°C) x 10 ⁻⁵	2
Thermal Conductivity	ASTM C 177		1.9
Flame resistance properties			
Oxygen Index	ASTM D 2863	%O ₂	35
Tunnel Test - Flame Spread - U.S. Calculation	ASTM E 84		25
Tunnel Test - Flame Spread - Canadian Calculation	ASTM E 84		20
Smoke Developed	ASTM E 84		115
Physical properties			
Water Absorption	ASTM D 570	% by wt.	0.4
Specific Gravity	ASTM D 792		1.8

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ri-inquiry@roechling.com • www.roechling.com/industrial/materials

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Page 1 / 2 (Dates in DD/MM/YYYY)





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Page 2 / 2 (Dates in DD/MM/YYYY)

