

Technical Data Sheet

Glastic® 1125

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	21,000
Flexural Strength @130°C	ASTM D 790	psi	12,900
Compressive Strength	ASTM D 695	psi	32,500
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

All of the information, suggestions, and recommendations pertaining to the properties and uses of the Röchling Glastic Composites products described herein are based upon tests and data believed to be accurate; however, the final determination regarding the suitability of any material described herein for the use contemplated, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. THERE IS NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall we be liable for incidental or consequential loss or damage. Glastic® is a registered trademark of Röchling Glastic Composites. UL® is a registered trademark of Underwriters Laboratories, Inc.



Röchling Industrial Cleveland, LP

4321 Glenridge Road • 44121 Cleveland/United States (US) • Tel. +1 216 486-0100
info@glastic.com • www.roechling.com/cleveland

Print: 01/08/2024 • Release: 24/10/2023 • Version: 4.0
PIM-Version: 58 • PIM-ID: 715306 • PIM-Code: 58-23-6.6.9-8.5.5-6

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

