

Technical Data Sheet

Glastic® 1120

Typical characteristics

- UL® Recognized
- High Strength
- Corrosion resistant

Typical industries

- 건설업
- 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 | 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 |
| 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 | | | |
| 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+ |
| Physical properties | | | |
| Water Absorption | ASTM D 570 | % by wt. | 0.4 |
| Specific Gravity | ASTM D 792 | | 1.81 |

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.

