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