

## Glastic 1120 Corrosion-Resistant Panels

Category : Polymer , Thermoset , Composite SMC , Filled/Reinforced Thermoset , Polyester, TS

### Material Notes:

Glastic® Corrosion-Resistant Panels are ideal for applications where resistance to both flame, and the splash or spill of laboratory chemicals is important. Glastic® Grade 1120 is an asbestos-free fiberglass-reinforced thermoset resin sheet. This material has very low water absorption and also has good splash and spill resistance to acids, weak bases and aliphatic hydrocarbons. Grade 1120 is UL classified, has high strength, and has a bright white finish(no painting necessary). Applications include fume hood liners, chemical storage cabinets and wall surfaces. Information provided by Glastic Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Glastic-1120-Corrosion-Resistant-Panels.php](http://www.lookpolymers.com/polymer_Glastic-1120-Corrosion-Resistant-Panels.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.81 g/cc	1.81 g/cc	ASTM D-792
Water Absorption	0.40 %	0.40 %	% by wt.; ASTM D-570

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	53.8 MPa	7800 psi	ASTM D-638
Tensile Modulus	11.7 GPa	1700 ksi	ASTM D-638
Flexural Strength	152 MPa	22100 psi	ASTM D-790
	90.3 MPa @Temperature 130 °C	13100 psi @Temperature 266 °F	ASTM D-790
Compressive Strength	228 MPa	33100 psi	ASTM D-695
Izod Impact, Notched	4.75 J/cm	8.90 ft-lb/in	ASTM D-256

Thermal Properties	Metric	English	Comments
CTE, linear	20.0 µm/m-°C @Temperature 20.0 °C	11.1 µin/in-°F @Temperature 68.0 °F	ASTM D-696
Thermal Conductivity	0.270 W/m-K	1.87 BTU-in/hr-ft²-°F	ASTM C-177
Flame Spread Index	15	15	United States Calculation; ASTM E-84
	20	20	Canadian Calculation; ASTM E-84

Descriptive Properties	Value	Comments
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<small>Simple Developed</small> Descriptive Properties	<small>over 500</small> Value	<small>ASTM E 84</small> Comments
Standard Color	White	
UL Recognition File Number	R9599	

## Contact Songhan Plastic Technology Co.,Ltd.

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