

Glastic® 1120

Thermoset Polyester

Glastic Corporation

Message:

Glastic 1120 is an asbestos-free fiberglass reinforcement thermoset resin sheet. This material has very low water absorption characteristics and also has good splash and spill resistance to acids, weak bases and aliphatic hydrocarbons.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	High strength		
	alkali resistance		
	acid resistance		
	Hydrocarbon resistance		
	Low or no water absorption		
	Excellent appearance		
Uses	Sheet		
	Wallboard		
UL File Number	R9599		
Appearance	White		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.81	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.40	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11700	MPa	ASTM D638
Tensile Strength (Yield)	53.8	MPa	ASTM D638
Flexural Strength			ASTM D790
Yield	152	MPa	ASTM D790
Yield, 130°C	90.3	MPa	ASTM D790
Compressive Strength	228	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	480	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	2.0E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.27	W/m/K	ASTM C177
Additional Information			

Flame Spread United States Calculation, ASTM E84: 15Flame Spread Canadian Calculation, ASTM E84: 20Smoke Developed, ASTM E84: over 500

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Recommended distributors for this material

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