

Glastic® 1125

Thermoset Polyester

Glastic Corporation

Message:

Glastic® 1125 is a Corrosion-Resistant Panel ideal for applications where resistance to both flame, and the splash or spill of laboratory chemicals is important.

This asbestos-free, fiberglass-reinforced polyester resin sheet offers a particularly low smoke generation when exposed to flame. This material has very low water absorption characteristics, along with excellent splash and spill resistance to acids, weak bases and aliphatic hydrocarbons.

General Information			
Filler / Reinforcement	Glass fiber reinforced material		
Features	Low smoke		
	High strength		
	Good corrosion resistance		
	Good chemical resistance		
	alkali resistance		
	acid resistance		
	Hydrocarbon resistance		
	Low or no water absorption		
	Excellent appearance		
	Flame retardancy		
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)	51.7	MPa	ASTM D638
Flexural Strength			ASTM D790
Yield	145	MPa	ASTM D790
Yield, 130°C	88.9	MPa	ASTM D790
Compressive Strength	224	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	450	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
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	35	%	ASTM D2863
Additional Information			

Flame Spread United States Calculation, ASTM E84/UL 723: 25Flame Spread Canadian Calculation, ASTM E84/UL 723: 20Smoke Density, ASTM E84/UL 723: over 115

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

