

Glastic® T-160

Thermoset Polyester

Glastic Corporation

Message:

Glastic T-160 is a high-strength, heat-resistant laminate. This highly creep-resistant material is excellent for applications where electrically insulating materials are subject to physical loading and moderately high temperature.

General Information			
Features	High strength		
	Good creep resistance		
	Heat resistance, high		
Uses	Laminate		
	Electronic insulation		
Appearance	White		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.90	g/cm ³	ASTM D792
Water Absorption (24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (yield, 1.60mm)	96.5	MPa	ASTM D638
Flexural Strength (yield, 1.60mm)	200	MPa	ASTM D790
Compressive Strength (1.60 mm)	386	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (1.60 mm)	640	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹			ASTM D149
1.60 mm, in Air	11	kV/mm	ASTM D149
1.60 mm, in Oil	16	kV/mm	ASTM D149
Arc Resistance (1.60 mm)	140	sec	ASTM D495
Additional Information			
NEMA Grade: GPO-1			
NOTE			
1.	Method A (short time)		

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Recommended distributors for this material

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