

Technical Data Sheet

Glastic® T-160

GFK-UP

Typical characteristics

- High Strength
- NEMA GPO-1
- Heat resistant

Typical industries

- Electrical Industry
- Electrical Insulating Components
- Electronics

	Test method	Unit	Guideline value
General properties			
Part Number			1360
NEMA Grade LI 1-1989	NEMA LI-1		GPO-1
Standard Color			Natural
Mechanical properties			
Flexural Strength	ASTM D 790	psi	29,000
Flexural Strength @130°C	ASTM D 790	psi	25,000
Compressive Strength	ASTM D 695	psi	56,000
Tensile Strength	ASTM D 638	psi	14,000
IZOD Impact Strength (notched)	ASTM D 256	ft. lb./in.	12
Bond Strength	ASTM D 229	lbs.	1,790
Flame resistance properties			
UL Subject 94	UL 94		HB
Physical properties			
Water Absorption	ASTM D 570	% by wt.	0.3
Specific Gravity	ASTM D 792		1.9
Dielectrical properties			
Electrical Strength - Perpendicular S/T in Air	ASTM D 149	Vpm	270
Electrical Strength - Perpendicular S/T in Oil	ASTM D 149	Vpm	412
Electrical Strength - Parallel S/S in Oil	ASTM D 149	kV	40
Arc Resistance	ASTM D 495	sec.	140

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