



ISO 9001: 2015 - QUALITY ASSURANCE

Distributor & Fabricator of Engineered Plastics & Electrical Insulation Products

## GLASTHERM HT200

High Compressive Strength

Asbestos-free

Low Thermal Conductivity

Promotes uniform heat distribution

### Mechanical Properties

Specific Gravity		gm / cc		1.97
Compressive Strength	PSI	ASTM D695	75 degrees F 300 degrees F 400 degrees F 550 degrees F	49,000 27,000 18,000 17,000
Compressive Modulus	PSI	ASTM D695		1,800,000
Flexural Strength	PSI	ASTM D790		31,000
Coefficient of Expansion	in / in / C-degrees		thickness across surface	0.000116 0.000022
Thermal Conductivity	BTU>in/hr>ft2>f degree			1.90
Water Absorption	%	24 hrs by weight		0.20
Maximum Service Temp	Degrees F			550
UL Flammability				UL94HB

### Electrical Properties

Dielectric Strength	VPM	Perpendicular in air		50
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GlasTherm sheet offers significant advantages in Mould and Press Platen insulation applications when compared to other materials such as Mica, Asbestos Concrete or Calcium Silicate. GlasTherm is an efficient Thermal Insulator and is strong to resist the effects of moulding pressure and rough handling during installation. GlasTherm is resistant to oils and moisture and is completely Asbestos-free.

Values are based on typical Test Methods and Conditions and published for Reference purposes only