

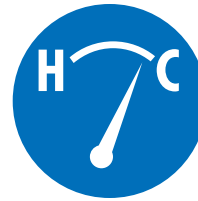


Glastherm® Grade HT250

- High Hot Compressive Strength
- Low Thermal Conductivity
- Oil and Moisture Resistant
- Reduces Heat Loss
- Helps Control Temperature
- Faster Mold Startup

Glastherm® Grade HT250 is a high compressive strength, heat-resistant composite material. Finished to a close thickness tolerance, it is ideal for insulation between the fold and the press or within the mold itself.

It is completely asbestos-free and rugged to withstand rough handling during installation. It is easily cut and machined with standard metal working equipment. Diamond cutting tools are recommended for long life.





Glastherm® Grade HT250

	Procedure	English Units	Typical Values	Metric Units	Typical Values
General Information					
Part Number			9921		9921
Standard Color			Light Green		Light Green
Maximum Service Temp.		°F	752	°C	400
Continuous Use Temp.		°F	482	°C	250
Mechanical Properties					
Flexural Strength	ASTM D 790	Psi	43,500	Mpa	300
Compressive Strength					
@68°F / 20°C	ASTM D 695	Psi	87,000	Mpa	600
@356°F / 180°C	ASTM D 695	Psi	65,200	Mpa	450
Electrical Properties					
Electrical Strength – Perpendicular S/T in air	ASTM D 149	Vpm	300	kV/mm	12
Physical Properties					
Water Absorption	ASTM D 570	% by wt.	.15	% by wt.	.15
Specific Gravity	ASTM D 792	lbs/ft ³	2.0	g/cm ³	2.0
Thickness Tolerance	5 – 10 mm 11 – 20 mm 21 – 50 mm	inches	±0.039 ±0.006 1% of thickness	mm	±0.10 ±0.15 1% of thickness
Coefficient of Thermal Expansion					
Across Thickness	ASTM D 696	In/In/°Cx10 ⁻⁵	11.6	10 ⁻⁶ /K	116
Across Surface	ASTM D 696	In/In/°Cx10 ⁻⁵	1.3		1.3
Thermal Conductivity	ASTM C 177	BTU•In/Hr•Ft ² •°F	1.54	W/m•K	.23

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