

Technical Data Sheet

Glastherm[®] HT 250 M - ASTM

Typical characteristics

- Baja conductividad térmica y resistencia al calor extremadamente alta.
- Material compuesto reforzado con fibra desarrollado para aplicaciones en el campo del aislamiento térmico (temperatura máxima de funcionamiento continuo 250°C)
- Reduce la pérdida de calor

Typical industries

- Construcción de contenedores químico
- Construcción de máquinas e instalaciones
- Oleoductos
- Petróleo y gas

	Test method	Unit	Guideline value
General properties			
Standard Color			Brown
Maximum Service Temp.		°C	400
Continuous Use Temp.		°C	250
Mechanical properties			
Flexural Strength	ASTM D 790	psi	43,500
Compressive Strength @RT	ASTM D 695	psi	87,000
Compressive Strength @356°F / 180°C	ASTM D 695	psi	65,200
Thermal properties			
Coefficient of Thermal Expansion Across Thickness	ASTM D 696	(in./in.°C) x 10-5	11.6
Coefficient of Thermal Expansion Across Surface	ASTM D 696	(in./in.°C) x 10-5	1.3
Thermal Conductivity	ASTM C 177		1.54
Physical properties			
Density	ASTM D 792	lbs/ft ³	125
Water Absorption	ASTM D 570	% by wt.	0.15
Thickness Tolerance		inches	+/-0.004



	Test method	Unit	Guideline value
Dielectrical properties			
Electrical Strength - Perpendicular S/T in Air	ASTM D 149	Vpm	300

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