

Technical Data Sheet

Glastherm[®] HT 250 HQ - 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			Light Green
Maximum Service Temp.		°C	400
Continuous Use Temp.		°C	250
Mechanical properties			
Flexural Strength	ASTM D 790	psi	87,000
Compressive Strength @RT	ASTM D 695	psi	87,000
Compressive Strength @356°F / 180°C	ASTM D 695	psi	72,500
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.	<0.10
Thickness Tolerance		inches	+/-0.004



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

All of the information, suggestions, and recommendations pertaining to the properties and uses of the Röchling Glastic Composites products described herein are based upon tests and data believed to be accurate; however, the final determination regarding the suitability of any material described herein for the use contemplated, the manner of such use, and whether the use infringes any patents is the sole responsibility of the user. THERE IS NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Under no circumstances shall we be liable for incidental or consequential loss or damage. Glastic® is a registered trademark of Röchling Glastic Composites. UL® is a registered trademark of Underwriters Laboratories, Inc.



Röchling Industrial Cleveland, LP

4321 Glenridge Road • 44121 Cleveland/United States (US) • Tel. +1 216 486-0100
info@glastic.com • www.roechling.com/cleveland

Print: 27/07/2024 • Release: 11/10/2023 • Version: 2.0
PIM-Version: 47 • PIM-ID: 715301 • PIM-Code: 47-25-6.9.6-7.5.5.5-6

