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Technical Data Sheet Glastherm[®] HT 300

Typical characteristics

- Low thermal conductivity and extremly high compressive strength
- Fibre-reinforced composite material developed for applications in field of thermal insulation (max. continuous operating temperature 300°C)

Typical industries

- 화학 가공 산업
- 기계 공학 산업
- Pipelines
- Oil and Gas

ISO 1183 ISO 178 ISO 178 ISO 604 ISO 604	g / cm ³ MPa MPa MPa	1,9 120 15000 330
ISO 178 ISO 178 ISO 604	MPa MPa MPa	120 15000
ISO 178 ISO 604	MPa MPa	15000
ISO 604	MPa	
		330
ISO 604		
	MPa	280
	W / (m * K)	≈ 0,28
TMA (Mettler)	10 ⁻⁶ x K ⁻¹	≈ 10 - 15
	00	300
	TMA (Mettler)	



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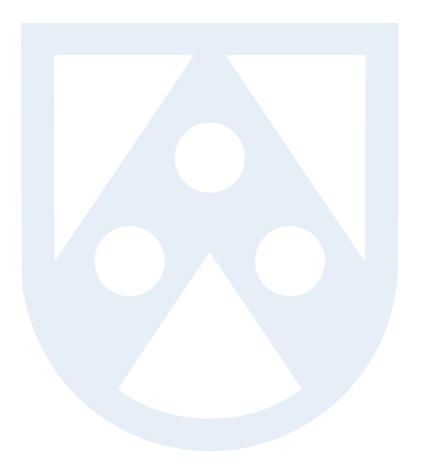
Industrial

 \perp = perpendicular to the lamination II = parallel to the lamination

¹⁾ Sample size: 20 x 20 x 10 mm

²⁾ Thermal conductivity calculated by means of reference measurements on samples of 300 x 200 x 10 mm

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