

Technical Data Sheet

Durolight® S7

GFK-EP

Typical industries

- LNG engines Cryogenic Insulation
- Pipelines
- Subsea
- Healthcare

Test method	Unit	Guideline value
DIN EN ISO 1183-1	g/cm ³	1,9
ISO 178	MPa	500
ISO 178	MPa	250
ISO 178	MPa	22500
ISO 178	MPa	17000
ISO 604	MPa	500
ISO 179	kJ/m^2	250
TMA (Mettler)	10 ⁻⁶ x K ⁻¹	40-60
TMA (Mettler)	10 ⁻⁶ x K ⁻¹	15-30
ISO 8302	W/m K	0,35
ISO 62	%	<0,2
	ISO 178 ISO 178 ISO 178 ISO 178 ISO 178 ISO 604 ISO 179 TMA (Mettler) TMA (Mettler) ISO 8302	DIN EN ISO 1183-1 g / cm ³ ISO 178 MPa ISO 604 MPa ISO 179 kJ / m ² TMA (Mettler) 10 ⁻⁶ x K ⁻¹ TMA (Mettler) 10 ⁻⁶ x K ⁻¹ ISO 8302 W/m K

⁼ perpendicular to the lamination II = parallel to the lamination

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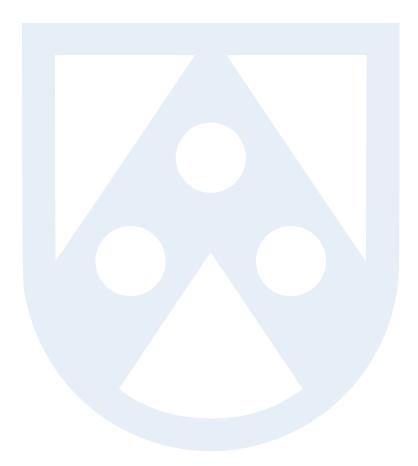


¹⁾ Sample size 80 x 10 x 4 mm, support distance 64 mm, tension zone unmachined





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