

Technical Data Sheet

Trovicel® (10 mm)

Product characteristics

- Low weight
- High stiffness
- Light- and weather resistant

Product applications

- Visual communication
- Construction industry

	Test method	Unit	Guideline Value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	0,55
Water absorption	DIN EN ISO 62	%	≤0,20
Mechanical properties			
Tensile modulus of elasticity	DIN EN ISO 527	MPa	1200
Shore hardness	DIN EN ISO 868	scale D	80
Thermal properties			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,07
Coefficient of linear thermal expansion	DIN 53752	10 ⁻⁶ / K	60 - 80
Service temperature, long term	Average	°C	0 ... 60
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	75
Electrical properties			
Surface resistivity	DIN EN 62631-3-2	Ω	>10 ¹³

The data stated above are average values ascertained by statistical tests on a regular basis. They are in accordance with DIN EN 15860. The data above are provided purely for information and shall not be regarded as binding unless expressly agreed in a contract of sale.