Röchling

Industrial

Technical Data Sheet

Trovidur® EC Clad LS

Product characteristics

- Fire protection according to EN 13501 B - s2, d0
- Good impact strength
- Good weldability and glueability

Product applications

- Sanitary engineering

	Test method	Unit	Guideline Value
General properties			
Density	DIN EN ISO 1183-1	g / cm^3	1,44
Water absorption	DIN EN ISO 62	%	1,0
Flammability	UL 94		V0
Flammability	EN 13501		B - s2, d0
Mechanical properties			
Yield stress	DIN EN ISO 527	MPa	50
Elongation at break	DIN EN ISO 527	%	20
Tensile modulus of elasticity	DIN EN ISO 527	MPa	2700
Notched impact strength	DIN EN ISO 179	kJ / m^2	4
Thermal properties			
Thermal conductivity	DIN 52612-1	W / (m * K)	0,18
Coefficient of linear thermal expansion	DIN 53752	10^{-6} / K	60-80
Vicat softening temperature	DIN EN ISO 306, Vicat B	°C	75
Electrical properties			
Dielectric constant	IEC 60250		3,20
Dielectric dissipation factor (10^6 Hz)	IEC 60250		0,02
Volume resistivity	DIN EN 62631-3-1	Ω * cm	>10^{15}
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.

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INTEGRATED MANAGEMENT SYSTEM