

General

Property	Standard	Unit	Value
Density	ISO 1183	g/cm ³	0.91
Moisture absorption at normal climate	-	%	< 0.2
Fire behavior	DIN 4102	-	B2
Specific heat capacity	-	kJ/kg°C	2

Mechanical

Property	Standard	Unit	Value
Tensile strength	DIN 53455	N/mm	30
Elongation at break	DIN 53455	%	>70
E-Modulus	DIN 53457 (23 °C)	N/mm ²	1150
Flexural strength	DIN 53452	N/mm ²	28
Impact strength	DIN 53453 (23 °C)	Charpy	7
Shore or ball pressure hardness	-	Shore °D	70
Friction coefficient	-	-	0.3

Electrical

Property	Standard	Unit	Value
Relative electrical constant (100Hz)	DIN 53485	100 Hz	2.1
Dielectric loss factor (100Hz)	DIN 53483	tan(..x10 ⁻³)	0.0003
Specific resistance	DIN 53482	16 Ω cm	>10
Surface resistance	DIN 53482	13 Ω	>10
Tracking resistance	DIN 53480	KC	>600
Breakdown voltage	DIN 53481	kV/mm	58

Thermal

Property	Standard	Unit	Value
Crystalline melting point	-	°C	160-165
Thermal conductivity	DIN 52162	W/m°C	0.22
Linear expansion coefficient	DIN 53762	mm/m°C	0.16
Long-term use temperature unloaded	-	°C	-0 / 100
Maximum short-term use temperature	-	°C	140
Heat distortion temperature	DIN 53461	°C	65

Temperature Range

Temperature	Unit	Value
Minimum use temperature	°C	0
Maximum use temperature	°C	+100