

General

Property	Standard	Unit	Value
Specific gravity	ISO 1183	g/cm ³	0.95
Moisture absorption at normal climate	-	%	< 0.05
Fire behavior	DIN 4102	-	B2
Specific heat capacity	-	kJ/kg°C	-

Mechanical

Property	Standard	Unit	Value
Tensile strength	DIN 53455	N/mm	36
Elongation at break	DIN 53455	%	300
E-Modulus (23 °C)	DIN 53457	N/mm ²	1350
Flexural strength	DIN 53452	N/mm ²	40
Impact strength (23 °C)	DIN 53453	Charpy	50
Shore or ball pressure hardness	-	Shore °D	64
Coefficient of friction	-	-	0.25

Electric

Property	Standard	Unit	Value
Relative electric constant	DIN 53485 (100Hz)	100 Hz	2.3
Specific resistance	DIN 53482	Ω cm	> 10
Creepage strength	DIN 53480	kC	> 600

Thermal

Property	Standard	Unit	Value
Crystalline melting point	-	°C	130 - 135
Thermal conductivity	DIN 52162	W/m°K	0.38
Linear coefficient of expansion	DIN 53762	mm/m°C	0.15
Long-term use temperature (unloaded)	-	°C	-100 / 80
Max. short-term use temperature	-	°C	120
Heat distortion temperature	DIN 53461	°C	60

Temperature Range

Temperature	Unit	Value
Min. operating temperature	°C	-100
Max. operating temperature	°C	+80