

General

Property	Standard	Unit	Value
Specific Gravity	ISO 1183	g/cm ³	1.32
Moisture Absorption at Normal Climate	-	%	0.2
Fire Behavior	DIN 4102	-	B1
Specific Heat Capacity	-	kJ/kg°C	1.06

Mechanical

Property	Standard	Unit	Value
Tensile Strength	DIN 53455	N/mm	95
Elongation at Break	DIN 53455	%	45
Young's Modulus	DIN 53457 (23 °C)	N/mm ²	4400
Flexural Strength	DIN 53452	N/mm ²	170
Impact Strength	DIN 53453 (23 °C)	Charpy	7
Shore or Ball Indentation Hardness	-	Shore °D	85
Coefficient of Friction	-	-	0.34

Electrical

Property	Standard	Unit	Value
Relative Permittivity (100Hz)	DIN 53485	100 Hz	3.3
Dielectric Loss Factor (100Hz)	DIN 53483	tan (..x10 ⁻³)	0.004
Volume Resistivity	DIN 53482	16 Ω cm	5
Surface Resistivity	DIN 53482	13 Ω	10
Tracking Resistance	DIN 53480	KC	-
Breakdown Voltage	DIN 53481	kV/mm	20

Thermal

Property	Standard	Unit	Value
Crystalline Melting Point	-	°C	340
Thermal Conductivity	DIN 52162	W/m°C	0.25
Linear Coefficient of Expansion	DIN 53762	mm/m°C	0.047
Long-term Unloaded Use Temperature	-	°C	-40 / 250
Short-term Maximum Use Temperature	-	°C	300
Heat Deflection Temperature	DIN 53461	°C	160

Temperature Range

Temperature	Unit	Value
Minimum Operating Temperature	°C	-40
Maximum Operating Temperature	°C	+250