

General

Property	Standard	Unit	Value
Specific Gravity	ISO 1183	g/cm ³	1.42
Moisture Absorption at Normal Climate	-	%	0.03
Fire Behavior	DIN 4102	-	B1
Specific Heat Capacity	-	kJ/kg°C	1.0

Mechanical

Property	Standard	Unit	Value
Tensile Strength	DIN 53455	N/mm	41
Elongation at Break	DIN 53455	%	45
Young's Modulus	DIN 53457 (23 °C)	N/mm ²	2100
Flexural Strength	DIN 53452	N/mm ²	70
Impact Strength	DIN 53453 (23 °C)	Charpy	37
Shore or Ball Indentation Hardness	-	Shore °D	78
Friction Coefficient	-	-	0.6

Electrical

Property	Standard	Unit	Value
Relative Dielectric Constant (100Hz)	DIN 53485	100 Hz	2.8
Dielectric Loss Factor (100Hz)	DIN 53483	tan (..x10 ⁻³)	0.016
Volume Resistivity	DIN 53482	16 Ω cm	10
Surface Resistivity	DIN 53482	13 Ω	10
Tracking Resistance	DIN 53480	KC	>600
Breakdown Voltage	DIN 53481	kV/mm	40

Thermal

Property	Standard	Unit	Value
Crystalline Melting Point	-	°C	130
Thermal Conductivity	DIN 52162	W/m°C	0.25
Linear Coefficient of Expansion	DIN 53762	mm/m°C	0.1
Long-Term Unloaded Use Temperature	-	°C	-50 / 75
Short-Term Maximum Use Temperature	-	°C	90
Heat Deflection Temperature	DIN 53461	°C	80

Temperature Range

Temperature	Unit	Value
Minimum Operating Temperature	°C	-15
Maximum Operating Temperature	°C	+60