



technical specifications

Density	ASTM D792	g/cm ³	
Tensile strength	ASTM D638	Mpa	60
Breaking elongation	ASTM D638	%	30
Bending strength	ASTM 790	Mpa	100
Flexural modulus	ASTM 790	Mpa	2800
Shore Hardness	ASTM D2240	D	85
Impact strength	ASTM D256	J/M	74
Melting point	DSC	°C	165
Heat deflection temperature	ASTM D648	°C	130
Long-term Working Temperature	-	°C	100
Short-term working temperature	-	°C	150
Pyroconductivity	DIN 52612-1	W/(K-M)	0.31
CLTE	ASTM D696	10 ⁻⁵ -1/K	13
Dielectric strength	ASTM D150	KV-mm	19
Dielectric loss coefficient	ASTM D150	-	0.007
Volume resistance	ASTM D257	Ω.cm	10
Surface resistivity	ASTM D257	Ω	10
Dielectric constant	ASTM D149	-	3.7
EWC	23°C60%RH	%	0.22
Acid-resistance	23°C60%RH		+
Alkali resistance			+
Resistance to acid and alkali water			+
Chloric acid alkali resistance			0
Resistant to aromatic compounds			+
Ketone resistance	23°C60%RH		+
Hot water resistance	23°C60%RH		+
Combustibility	UL 94		HB
Adhesion	-		+
Innocuous	EEC 90/128 FDA		+
Friction coefficient	DIN 53375		0.35
UV resistance	-		0