



technical specifications

Density	ASTM D792	g / cm ³	1.20
Tensile strength	ASTM D638	Mpa	60
Breaking elongation	ASTM D638	%	11
Bending strength	ASTM 790	Mpa	100
Flexural modulus	ASTM 790	Mpa	2200
Shore Hardness	ASTM D2240	D	85
Impact strength	ASTM D256	J/M	800
Melting point	DSC	°C	240
Heat deflection temperature	ASTM D648	°C	135
Long-term working temperature	-	°C	120
Short-term working temperature	-	°C	145
Pyroconductivity	DIN 52612-1	W/(K-M)	0.5
CLTE	ASTM D696	10 ⁻⁵ -1/K	5.6
Dielectric strength	ASTM D150	KV-mm	27
Dielectric loss coefficient	ASTM D150	-	0.009
Volume resistance	ASTM D257	Ω.cm	10
Surface Resistivity	ASTM D257	Ω	10
Dielectric constant	ASTM D149	-	25.2
EWC	23°C 60%RH	%	0.15
Acid-resistance	23°C 60%RH		-
Alkali resistance			+
Resistance to acid and alkali water			+
Chloric acid alkali resistance			0
Resistant to aromatic compounds			+
Ketone resistance			+
Hot water resistance			+
Combustibility	UL 94		V-2
Adhesion	-		+
Innocuous	EEC 90/128 FDA		+
Friction coefficient	DIN 53375		0
Anti-UV	-		-