



technical specifications

Density	ASTM D792	g/cm ³	1.63
Yield tensile strength	ASTM D638	Mpa	145
Elongation at break	ASTM D638	%	2
Flexural strength	ASTM 790	Mpa	180
Flexural modulus	ASTM 790	Mpa	6600
Shore hardness	ASTM D2240	D	90
Impact strength	ASTM D256	J/M	26
Melting point	DSC	°C	280
Heat distortion temperature	ASTM D648	°C	260
Long-term operating temperature	-	°C	230
Short-term operating temperature	-	°C	260
Thermal conductivity	DIN 52612-1	W/(K-M)	0.35
Linear expansion coefficient	ASTM D696	10 ⁻⁵ -1/K	5
Dielectric strength	ASTM D150	KV-mm	28
Dielectric loss coefficient	ASTM D150	-	0.004
Volume resistance	ASTM D257	Ω.cm	10
Surface resistance	ASTM D257	Ω	10
Dielectric constant	ASTM D149	-	4
The balanced water absorption	23°C60%RH	%	0.02
Acid resistance	23°C60%RH	-	+
Alkali resistance	23°C60%RH	-	+
Acid and alkali resistance	23°C60%RH	-	+
Chloric acid and alkali resistance	23°C60%RH	-	+
Aromatic resistant compounds	23°C60%RH	-	+
Ketone resistance	23°C60%RH	-	+
Hot water resistance	23°C60%RH	-	+
Combustibility	UL 94		V-0
Adhesive ability	-		+
Harmless	EEC 90/128 FDA		+
Friction coefficient	DIN 53375		0.25
UV resistance	-		0