



**technical specifications**

Density	ASTM D792	g / cm <sup>3</sup>	1.05
Yield tensile strength	ASTM D638	Mpa	50
Elongation at break	ASTM D638	%	40
Flexural strength	ASTM 790	Mpa	60
Flexural modulus	ASTM 790	Mpa	1800
Shore hardness	ASTM D2240	D	80
Impact strength	ASTM D256	J/M	200
Melting point	DSC	°C	150
Heat distortion temperature	ASTM D648	°C	80
Long-term operating temperature	-	°C	75
Short-term operating temperature	-	°C	100
Thermal conductivity	DIN 52612-1	W/(K-M)	0.17
Linear expansion coefficient	ASTM D696	10 <sup>-5</sup> -1/K	9
Dielectric strength	ASTM D150	KV-mm	22
Dissipation Factor	ASTM D150	-	0.015
Volume Resistivity	ASTM D257	Ω.cm	10
Surface Resistivity	ASTM D257	Ω	10
Dielectric Constant	ASTM D149	-	3.3
The Balanced Water Absorption	23°C60%RH	%	0.4
Acid Resistance	23°C60%RH		+
Alkali Resistance			0
Acid-base Water Resistance			+
Chloric Acid And Alkali Resistance			0
Aromatic ResistantCompounds			-
Ketone Resistance	23°C60%RH		
Hot Water Resistance	23°C60%RH		
Combustibility	UL 94		HB
Adhesive Ability	-		+
Non-toxic	EEC 90/128 FDA		-
Friction Coefficient	DIN 53375		0.5
Anti Ultraviolet	-		-