



technical specifications

Density	ASTM D792	g / cm ³	1.13
Tensile strength	ASTM D638	Mpa	59
Breaking elongation	ASTM D638	%	54
Bending strength	ASTM 790	Mpa	65
Flexural modulus	ASTM 790	Mpa	2300
Shore Hardness	ASTM D2240	D	83
Impact strength	ASTM D256	J/M	300
Melting point	DSC	°C	180
Heat deflection temperature	ASTM D648	°C	90
Long-term Working Temperature	-	°C	90
Short-term working temperature	-	°C	120
Pyroconductivity	DIN 52612-1	W/(K-M)	0.17
Dielectric strength	ASTM DI50	KV-mm	22
Dielectric loss coefficient	ASTM DI50	-	0.015
Volume Resistance	ASTM D257	Ω.cm	10
Surface Resistivity	ASTM D257	Ω	10
Dielectric constant	ASTM DI49	-	3.3
EWC	23°C60%RH	%	0.4
Acid-resistance	23°C60%RH		+
Alkali resistance			0
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		0
Combustibility	UL 94		HB
Adhesion	-		+
Innocuous	EEC 90/128 FDA		0
Friction coefficient	DIN 53375		0.5
UV resistance	-		