



**technical specifications**

Density	ASTM D792	g/cm <sup>3</sup>	1.4
Tensile strength	ASTM D638	Mpa	50
Breaking elongation	ASTM D638	%	10
Bending strength	ASTM 790	Mpa	70
Flexural modulus	ASTM 790	Mpa	2400
Shore Hardness	ASTM D2240	D	95
Impact strength	ASTM D256	J/M	450
Melting point	DSC	°C	120
Heat deflection temperature	ASTM D648	°C	70
Long-term Working Temperature	-	°C	60
Short-term working temperature	-	°C	90
CLTE	ASTM D696	10 <sup>-5</sup> -1/K	8
Dielectric strength	ASTM DI50	KV-mm	30
Volume Resistance	ASTM D257	Ω	10
Surface Resistivity	ASTM D257	Ω	10
EWC	23°C 60%RH	%	0.2
Acid-resistance	23°C 60%RH		+
Alkali resistance			+
Resistance to acid and alkali water			+
Chloric acid alkali resistance			0
Resistant to aromatic compounds			0
Ketone resistance	23°C 60%RH		-
Hot water resistance	23°C 60%RH		+
Combustibility	UL 94		V-0
Adhesion	-		+
Innocuous	EEC 90/128 FDA		-
Friction coefficient	DIN 53375		0.6