

## Mechanical Properties

Specific gravit	ASTM D792	g/cm3	0.96
Tensile yield strength	ASTM D638	Mpa	30
Breaking elongation	ASTM D638	%	500
Bending strength	ASTM D790	Mpa	35
Flexural modulus	ASTM D790	Mpa	1370
Shore hardness	ASTM D2240	D	75
Impact strength	ASTM D256	J/M	80

## Thermal Properties

Melting point	DSC	°C	120
Heat distortion temperature	ASTM D648	°C	80

Operating temperature	-	°C	90
Maximum operating temperature	-	°C	110
Thermal conductivity	DIN 52612-1	W/(K-M)	15.5
Coefficient of linear thermal	ASTM D696	10 <sup>-5</sup> -1/K	120

### Electrical Properties

Dielectric strength	ASTM D150	KV-mm	2.4
Volume resistivity	ASTM D257	Ω.cm	10 <sup>14</sup>
Surface resistivity	ASTM D257	Ω	10 <sup>16</sup>

### Chemical Properties

Water absorption	23°C 60%RH	%	0.01
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Acid resistance	23°C 60%RH	+
Alkali resistance		+
Acid and alkali resistance		+
Resistance to sodium chlorate		+
Resistance to aromatic compounds		+
Resistance to ketone	23°C 60%RH	0
Resistance to hot water	23°C 60%RH	+
<b>Others</b>		
Flammability	UL 94	HB
Viscosity	-	0
Non toxic	EEC 90/128 FDA	+

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Coefficient of friction	DIN 53375	0.3
Anti-ultraviolet	-	0