

Epoxy Fiberglass Laminate sheet



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...We pay more attention to after-sales!

Color: Green

Density: 1.9g/cm³

Material Data Sheet

Mechanical Properties		Unit	Value
Flexural strength	Length direction	MPa	>440
	Cross direction		>345
Tensile strength		MPa	>310
Izod impact strength	Length direction	J/m	> 54
	Cross direction		> 44
Compressive strength - flatwise		MPa	>415

Thermal Properties		Unit	Value
Heat resistant (continuous)		℃	150
Thermal conductivity	Through-plane	W/m·K	0.29
	In-plane		0.81
Glass transition temperature		℃	170

Electrical properties		Unit	Value
Dielectric breakdown		V	≥40
Dielectric strength		MV/m	20
Relative permittivity		-	5.4
Insulation resistance (after soaking)		Ω	5.0*10 ⁸
Wolume resistance		Ω × cm	106
Surface resistance		Ω	106

Other properties		Unit	Value
Water absorption		%	<0.125
Rockwell hardness		M scale	110
Chemically resistan		-	Yes
Flammability class		UL94	V-0

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The following information corresponds with our current knowledge and indicates our products and possible applications; We cannot give a legally binding guarantee of certain properties or the suitability for a specific application, Existing commercial patents must be observed.

A definitive quality guarantee is given in our general conditions of sales. Unless otherwise stated, these values represent averages taken from injection moulding samples, We reserve the right of technical alterations.