

G10 L**EPOXY RESIN SHEETS REINFORCED WITH GLASS****TECHNICAL DATA SHEET**

PROPERTIES	STANDARDS	U. M.	Etoglass10 L
Density	UNI ISO 1183	g / cm ³	1,8
Flexural strength at 23°C	UNI EN ISO 178	MPa	> 400
Flexural strength at 200°C		%	/
Tensile strength	UNI EN ISO 527/4	MPa	400
Compressive strength ⊥ at 23°C	UNI EN ISO 604	Mpa	500
Compressive strength //	UNI EN ISO 604	MPa	350
Impact strength, Charpy	UNI EN ISO 179	kJ / m ²	30
Splitting strength	ASTM D 3846	N/mm ²	48
Dielectric strength //	CEI EN 60243 - 1	KV	40
Dielectric strength ⊥	CEI EN 60243 - 1	kV / mm	18
Water absorption	UNI ISO 62	%	0,05
Thermal class		°C	155

G 10 sheets are made of a laminate composed of a type E glass fabric impregnated with special epoxy, dimensions mm 5500 x 770 and thickness from mm 0,1 to mm 73.