



Quality assured re-engineered resins

G-LEX 12 GF10 (UV)

**PC 10% glass fibre reinforced
(UV stabilized)**

Based on recycled PC

Technical Information

Property	Test Method	Standard	Units	Typical Properties
Melt Flow Index	ISO 1133	300°C, 1.2 Kg	g/10mins	12
Tensile Strain at Yield	ISO 527	5mm/min	%	3
Tensile Stress at Yield	ISO 527	5mm/min	MPa	60
Tensile Modulus	ISO 527	1mm/min	MPa	3800
Charpy Notched impact	ISO 179	23°C	kJ/ m ²	8
Charpy Unnotched impact	ISO 179	23°C	kJ/m ²	45
Heat Deflection Temp	ISO 75	1.80 MPa	°C	130
Vicat temperature	ISO 306	50N,120 K/h	°C	140
Flammability	UL 94	1.6mm thick	Class	V2
Water Absorption	In acc. ISO 62	23°C / 85 % r.h.	%	0.31
Density	ISO 1183	-	g/cm ³	1.27

Pre-drying at 90-110°C for 2-4 hours is essential to achieve the optimum physical properties of the above material.

The guide data given here was obtained from natural materials tested under laboratory conditions. The information is offered in good faith but without warranty or guarantee. It remains the user's responsibility to satisfy themselves as to the materials suitability for any purpose.

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