



Quality assured re-engineered resins

G-LEX 19 (UV)(R)

**PC (UV stabilized) (release)
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	20
Tensile Strain at Yield	ISO 527	5mm/min	%	6
Tensile Stress at Yield	ISO 527	5mm/min	MPa	63
Tensile Modulus	ISO 527	1mm/min	MPa	2300
Charpy Notched impact	ISO 179	23°C	kJ/ m ²	12
Charpy Unnotched impact	ISO 179	23°C	kJ/m ²	NB
Heat Deflection Temp	ISO 75	1.80 MPa	°C	124
Vicat temperature	ISO 306	50N,120 K/h	°C	140
Flammability	UL 94	1.6mm thick	Class	HB
Glow Wire Test	IEC 695-2-1	1mm thick / 850°C	--	Pass
Water Absorption	In acc. ISO 62	23°C / 85 % r.h.	%	0.35
Density	ISO 1183	-	g/cm ³	1.20
Mould Shrinkage	ISO 2577	500 bar	%	0.50 – 0.70

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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