



**Quality assured re-engineered resins**

## **G-BLEND 85 PC/ABS**

### Technical Information

<b>Property</b>	<b>Test Method</b>	<b>Standard</b>	<b>Units</b>	<b>Typical Properties</b>
Melt flow index	ISO 1133	260°C, 5 Kg	g/10min	15
Tensile Strain at Yield	ISO 527	50mm/min	%	5
Tensile Stress at Break	ISO 527	50mm/min	MPa	53
Tensile Modulus	ISO 527	1mm/min	MPa	2200
Izod Notched impact	ISO 180-1A	23°C	kJ/ m <sup>2</sup>	45
Izod Unnotched impact	ISO 180-1U	23°C	kJ/m <sup>2</sup>	NB
Heat Deflection Temp	ISO 75/Ae	1.82 MPa	°C	105
Vicat temperature	ISO 306	50N/120 k/h	°C	130
Flammability	UL 94	1.6mm Thick	Class	HB
Water Absorption	In acc. ISO 62	23°C / 85 % r.h.	%	0.20
Density	ISO 1183	-	g/cm <sup>3</sup>	1.15
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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January 2021