



Quality assured re-engineered resins

G-BLEND 65 PC/ABS

Technical Information

| Property | Test Method | Standard | Units | Typical Properties |
|-------------------------|----------------|------------------|--------------------|--------------------|
| Melt Flow Index | ISO 1133 | 260°C (5 Kg) | g/10mins | 14-16 |
| Tensile Strain at Yield | ISO 527 | (50mm/min) | % | 4.9 |
| Tensile Stress at Break | ISO 527 | (50mm/min) | MPa | 54 |
| Tensile Modulus | ISO 527 | (1mm/min) | MPa | 2170 |
| Izod Notched | ISO 180-1A | 23°C | kJ/ m ² | 55 |
| Izod Unnotched | ISO 180-1U | 23°C | KJ/M ² | NB |
| Heat Deflection Temp | ISO 75 | 1.80 MPa | °C | 109 |
| Vicat Softening | ISO 306 | 50N/120 k/h | °C | 123 |
| 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 ³ | 1.14 |
| 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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