

**Material Specification
Sheet**e: sales@rhnutall.co.uk
t: 0121 359 2484
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Processing/Physical Characteristics	Value	Unit	Test Standard
Density	1.41	g/cm ³	ISO 1183
Melt flow index, MFI	13	g/10min	ISO 1133
Water absorption	0.2	%	ISO 62
Shrinkage	2.0	%	KEP

Thermal properties	Value	Unit	Test Standard
Heat deflection temperature	101	Degrees C	ISO 75
Flammability	HB	-	UL 94
Melting	165	Degrees C	ISO 11357
Coefficient of linear expansion	12	X 10 ⁻⁵ / Degrees C	ISO 11359

Mechanical properties	Value	Unit	Test Standard
Tensile Strength	68	MPa	ISO 527
Yield Strength	10	%	ISO 527
Elongation at Break	32	%	ISO 527
Bending Strength	94	MPa	ISO 178
Bending Modules	2,800	MPa	ISO 178
Charpy notched impact strength	6.5	KJ/M ₃	ISO 197

The information given above is based upon average values and is no way intended as a warranty. The purchaser is deemed responsible for determining the suitability of the product for any application. All data relating to suitable uses and description information concerning our products are compiled from research and are believed to be reliable but are provided for guidance purposes only. The Company holds no legal or contractual responsibility for information supplied



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Electrical properties	Value	Unit	Test Standard
Surface resistivity	IEC 60093	Ω	1×10^{16}
Volume resistivity	IEC 60093	$\Omega \cdot \text{cm}$	1×10^{14}
Dielectric strength	IEC 60243-1	kV/mm	19

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