

Technical Data Sheet: Trilan™ PC Model Material

Physical Properties	Standard	Unit	Metric
Density	ISO 1183	g/cc	1.2

Mechanical Properties	Standard	Unit	Metric
Tensile Strength, Break	ISO 527	MPa	49.5
Tensile Modulus	ISO 527	MPa	1950
Tensile Elongation, Break	ISO 527	%	3.7
Flexural Strength	ISO 178	MPa	78
Flexural Modulus	ISO 178	MPa	1910

Thermal Properties	Standard	Unit	Metric
Glass Transition Temperature (Tg)	DSC	°C	160
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	138

Electrical Properties	Standard	Unit	Metric
Surface Resistance	IEC 60093	Ohm/sq	>10 ¹³

Specimen Conditions
Printer: Fortus® 400mc
Layer Height: 0.013" / 0.33mm
Infill Density: Solid
Specimen Orientation: XY Flat

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