

## Technical Data Sheet: Ultem® 1010 Model Material

Physical Properties	Standard	Unit	Metric
Density	ISO 1183	g/cc	1.27

Mechanical Properties	Standard	Unit	Metric
Tensile Strength, Break	ISO 527	MPa	56
Tensile Modulus	ISO 527	MPa	2500
Tensile Elongation, Break	ISO 527	%	3
Flexural Strength	ISO 178	MPa	111
Flexural Modulus	ISO 178	MPa	2500

Thermal Properties	Standard	Unit	Metric
Glass Transition Temperature (Tg)	DSC	°C	217
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	208

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

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

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