

## Technical Data Sheet: TriStat™ ESD-PC Model Material

Physical Properties	Standard	Unit	Metric
Density	ISO 1183	g/cc	1.22

Mechanical Properties	Standard	Unit	Metric
Tensile Strength, Break	ISO 527	MPa	53
Tensile Modulus	ISO 527	MPa	2010
Tensile Elongation, Break	ISO 527	%	3
Flexural Strength	ISO 178	MPa	84
Flexural Modulus	ISO 178	MPa	2430

Thermal Properties	Standard	Unit	Metric
Glass Transition Temperature (Tg)	DSC	°C	160
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	141

Electrical Properties	Standard	Unit	Metric
Surface Resistance	IEC 60093	Ohm/sq	10 <sup>7</sup>

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

[www.triton3d.com](http://www.triton3d.com)

Date of Issue: June 1, 2017 | Version 1.00

Disclaimer: The technical data contained on this data sheet is furnished without charge or obligation and accepted at the recipient's sole risk. This data should not be used to establish specifications limits or used alone as the basis of design. The data provided is not intended to substitute any testing that may be required to determine fitness for any specific use.