

Technical Data Sheet: TriStat™ ESD-ABS Model Material

Physical Properties	Standard	Unit	Metric
Density	ISO 1183	g/cc	1.07

Mechanical Properties	Standard	Unit	Metric
Tensile Strength, Break	ISO 527	MPa	36
Tensile Modulus	ISO 527	MPa	2275
Tensile Elongation, Break	ISO 527	%	3.5
Flexural Strength	ISO 178	MPa	62
Flexural Modulus	ISO 178	MPa	2430

Thermal Properties	Standard	Unit	Metric
Glass Transition Temperature (Tg)	DSC	°C	104
Deflection Temperature at 0.45 MPa (66psi)	ISO 75	°C	98

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

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

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