PROTOLABS
Manufacturing. Accelerated.

Stereolithography

Formlabs ESD

A rugged ESD-safe material to improve your electronics manufacturing workflows.

Key Attributes

Reduce risk and increase manufacturing yield by 3D printing custom tools, jigs,and fixtures with ESD Resin that protect your critical electronics components from static discharge. ESD Resin is a cost-effective solution for producing static-dissipative parts designed to endure use on the factory floor.

Properties

Property	Value (Metric)	Value (Imperial)
Maximum Part Size	145 × 145 × 175mm	5.7 × 5.7 × 6.8in.
Minimum Feature Size	0.2mm	0.008in.
Tensile Strength	44.2 MPa	6410 psi
Tensile Modulus	1.937 GPa	280.9 ksi
Heat Deflection (1.8 MPa)	54.2 °C	129.6 °F
Heat Deflection (0.45 MPa)	62.2 °C	143.9 °F
Elongation at Break	12%	12%



All of the figures contained within this data sheet are approximate values and are dependent on a number of factors, including but not limited to manufacturer formulations, and machine/process parameters. The information provided is therefore not binding and not deemed to be certified.

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