PROTOLABS
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Stereolithography

Formlabs High Temp Resin

Resin for Heat Resistance

Key Attributes

High Temp Resin offers a heat deflection temperature (HDT) of 238 °C @ 0.45 MPa, the highest among Formlabs resins. Use it to print detailed, precise prototypes with high temperature resistance.

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	58 MPa	8456 psi
Tensile Modulus	2.8 GPa	399 ksi
Heat Deflection (1.8 MPa)	78 °C	172 °F
Heat Deflection (0.45 MPa)	120 °C	248 °F
Elongation at Break	3.3%	3.3%



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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