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Stereolithography

Formlabs Rigid 4000

Rigid 4000 Resin for Stiff, Strong, Engineering-Grade Prototypes

Key Attributes

Glass-filled Rigid 4000 Resin prints with a smooth, polished finish and is ideal for stiff and strong parts that can withstand minimal deflection. Consider Rigid 4000 Resin for general load-bearing applications.

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	69 MPa	10007 psi
Tensile Modulus	4.1 GPa	595 ksi
Heat Deflection (1.8 MPa)	60 °C	140 °F
Heat Deflection (0.45 MPa)	77 °C	170 °F
Elongation at Break	5.3%	5.3%



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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