



Glass-filled resin. Very high stiffness and precision. Ideal for molds, jigs, and fixtures. Stiff and precise. Best for molds, jigs, fixtures, and turbine-style geometries.

STRENGTHS

- + Very high stiffness (4.1 GPa)
- + Glass-filled for dimensional stability
- + Good for molds, jigs, and fixtures

LIMITATIONS

- Brittle — low impact resistance
- Requires post-curing
- Limited build volume

CATEGORY

Tough & Durable

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping

INDUSTRIES

Aerospace & Defense, Automotive, Robotics & Hardware

AVAILABLE COLORS


White

DESIGN RULES

GUIDELINE	VALUE
Min Wall Thickness	0.8 mm
Min Wall (Unsupported)	1.5 mm
Tolerance	±0.25 mm
Min Hole Diameter	0.5 mm
Min Feature Size	0.5 mm
Min Clearance	0.125 mm
Supports / Overhangs	Always
Drain Holes	Yes
Min Pin Diameter	2.0 mm
Min Thread Size	M6

TECHNOLOGY SPECIFICATIONS

SPECIFICATION	VALUE
Layer height	0.025-0.1mm
Tolerances	±0.2mm
Min wall thickness	0.8mm
Max build size	335 × 200 × 300mm
Lead time	From 2 business days

BEST FOR

Visual prototypes

Medical models

Casting patterns

High-detail parts

Presentation models