



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

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	4.1 GPa
Tensile Strength (UTS)	69 MPa
Elongation at Break	5.3%
Flexural Modulus	3.4 GPa
Flexural Strength	105 MPa
Impact Strength (Izod)	23 J/m
Hardness	Shore D 86

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.35 g/cm³
Surface Roughness	3 Ra μm
Heat Deflection (HDT)	77 °C @ 0.45 MPa
Min Layer Height	25 μm
Light Transmission	Opaque
Max Build Dimension	145 mm