



Highly glass-filled. Stiffest SLA material. For precise industrial parts under significant load. Short-run injection molds, heat/chemical resistant fixtures, aerodynamic test models.

**STRENGTHS**

- + Stiffest SLA material (10 GPa)
- + Simulates glass-filled thermoplastics
- + Chemical and heat resistant

**LIMITATIONS**

- Very brittle
- Requires post-curing and media blasting
- Limited build volume

**CATEGORY**

Tough & Durable

**TECHNOLOGY**

SLA (Stereolithography)

**SERVICES**

prototyping

**INDUSTRIES**

Aerospace & Defense, Automotive, Robotics & Hardware

**AVAILABLE COLORS**


Gray

**MECHANICAL PROPERTIES**

PROPERTY	VALUE
Tensile Modulus	10 GPa
Tensile Strength (UTS)	65 MPa
Elongation at Break	1%
Flexural Modulus	10 GPa
Flexural Strength	126 MPa
Impact Strength (Izod)	20 J/m
Hardness	Shore D 90

**PHYSICAL PROPERTIES**

PROPERTY	VALUE
Density	1.55 g/cm <sup>3</sup>
Surface Roughness	3 Ra μm
Heat Deflection (HDT)	78 °C @ 0.45 MPa
Min Layer Height	25 μm
Light Transmission	Opaque
Max Build Dimension	145 mm