



ABS-like toughness with SLA detail. Functional prototypes that need impact resistance. Combines SLA surface quality with functional toughness.

STRENGTHS

- + ABS-like toughness with SLA detail
- + Impact resistant
- + Good for functional prototypes

LIMITATIONS

- More expensive than FDM alternatives
- Requires post-curing
- Properties degrade with UV exposure

CATEGORY

Tough & Durable

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping

INDUSTRIES

Consumer Electronics, Automotive, Robotics & Hardware

AVAILABLE COLORS


Gray

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	1.8 GPa
Tensile Strength (UTS)	40 MPa
Elongation at Break	79%
Flexural Modulus	1.04 GPa
Flexural Strength	38 MPa
Impact Strength (Izod)	25 J/m
Hardness	Shore D 76

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.12 g/cm³
Surface Roughness	3 Ra μm
Heat Deflection (HDT)	70 °C @ 0.45 MPa
Min Layer Height	25 μm
Light Transmission	Opaque
Max Build Dimension	145 mm