



Smooth surface, fine detail. Good for visual prototypes and concept models. Best surface finish of any material. Ideal for visual prototypes.

STRENGTHS

- + Best surface finish available
- + Fine detail resolution
- + Ideal for visual prototypes

LIMITATIONS

- Brittle — not for functional loads
- UV sensitive over time
- Requires post-curing

CATEGORY

General Purpose

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping, production

INDUSTRIES

Consumer Electronics, Architecture & Design, Medical & Biotech

AVAILABLE COLORS


White, Gray, Clear

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	2.2 GPa
Tensile Strength (UTS)	47 MPa
Elongation at Break	10%
Flexural Modulus	2.35 GPa
Flexural Strength	90 MPa
Impact Strength (Izod)	29 J/m
Hardness	Shore D 78

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.18 g/cm ³
Surface Roughness	2 Ra μ m
Heat Deflection (HDT)	61 °C @ 0.45 MPa
Min Layer Height	25 μ m
Light Transmission	Opaque
Max Build Dimension	145 mm