



Transparent resin for light pipes, lenses, and visual models requiring clarity. Light pipes, lenses, and visual models requiring optical clarity.

STRENGTHS

- + True optical clarity when polished
- + Good for light pipes and lenses
- + Large format available

LIMITATIONS

- Requires polishing for full clarity
- Brittle
- Yellows with UV exposure

CATEGORY

General Purpose

TECHNOLOGY

Industrial SLA (Large-Format Stereolithography)

SERVICES

prototyping, production

INDUSTRIES

Consumer Electronics, Architecture & Design, Medical & Biotech

AVAILABLE COLORS

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Clear

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	2.28 GPa
Tensile Strength (UTS)	28 MPa
Elongation at Break	16%
Flexural Modulus	2.73 GPa
Flexural Strength	70 MPa
Impact Strength (Izod)	64 J/m
Hardness	Shore D 75

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.13 g/cm ³
Surface Roughness	1 Ra μm
Heat Deflection (HDT)	55 °C @ 0.45 MPa
Min Layer Height	100 μm
Light Transmission	90%
Max Build Dimension	1000 mm