



Polypropylene-like. Flexible, fatigue resistant. Good for snap fits and living hinges. Snap fits, living hinges, and parts under repeated stress.

STRENGTHS

- + PP-like flexibility
- + Fatigue resistant — snap fits and hinges
- + Good detail for flexible parts

LIMITATIONS

- Lower stiffness than rigid resins
- Smaller build volume than FDM
- Requires post-curing

CATEGORY

Tough & Durable

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping

INDUSTRIES

Consumer Electronics, Automotive, Robotics & Hardware

AVAILABLE COLORS


Amber

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	1 GPa
Tensile Strength (UTS)	28 MPa
Elongation at Break	55%
Flexural Modulus	0.66 GPa
Flexural Strength	24 MPa
Impact Strength (Izod)	127 J/m
Hardness	Shore D 58

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.06 g/cm ³
Surface Roughness	3 Ra μm
Heat Deflection (HDT)	41 °C @ 0.45 MPa
Min Layer Height	25 μm
Light Transmission	Opaque
Max Build Dimension	145 mm