



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

DESIGN RULES

GUIDELINE	VALUE
Min Wall Thickness	0.8 mm
Min Wall (Unsupported)	1.5 mm
Tolerance	±0.25 mm
Min Hole Diameter	0.5 mm
Min Feature Size	0.5 mm
Min Clearance	0.125 mm
Supports / Overhangs	Always
Drain Holes	Yes
Min Pin Diameter	2.0 mm
Min Thread Size	M6

TECHNOLOGY SPECIFICATIONS

SPECIFICATION	VALUE
Layer height	0.025-0.1mm
Tolerances	±0.2mm
Min wall thickness	0.8mm
Max build size	335 × 200 × 300mm
Lead time	From 2 business days

BEST FOR

- Visual prototypes
- Medical models
- Casting patterns
- High-detail parts
- Presentation models