



General purpose, biodegradable. Rigid, good surface finish. Not heat or UV resistant. Most cost-effective option. Not suitable for heat or outdoor exposure.

STRENGTHS

- + Lowest cost per part
- + Biodegradable
- + Good surface finish
- + Easy to post-process

LIMITATIONS

- Not heat resistant (softens ~55°C)
- Not UV stable — degrades outdoors
- Brittle under impact

CATEGORY

General Purpose

TECHNOLOGY

FDM (Fused Deposition Modeling)

SERVICES

prototyping, production

INDUSTRIES

Consumer Electronics, Architecture & Design, Robotics & Hardware

AVAILABLE COLORS



White, Black, Gray, Clear, Custom Color

DESIGN RULES

GUIDELINE	VALUE
Min Wall Thickness	1.2 mm
Tolerance	±0.5 mm
Min Hole Diameter	2.0 mm
Min Feature Size	1.8 mm
Min Clearance	0.2 mm
Supports / Overhangs	50°
Min Pin Diameter	1.8 mm
Max Bridge Span	10 mm

TECHNOLOGY SPECIFICATIONS

SPECIFICATION	VALUE
Layer height	0.1-0.3mm
Tolerances	±0.5mm
Min wall thickness	1.2mm
Max build size	360 × 360 × 360mm
Lead time	From 1 business day

BEST FOR

- Jigs & fixtures
- Functional prototypes
- Concept models
- Large-format parts
- Cost-sensitive runs