

OLA Product Name: OLA 8200Pro

Color: Light yellow

Process: SLA

MATERIAL SUMMARY

Tolerance: $\pm 200\mu\text{m}$ or $\pm 0.2\%$

Lead Time: 24 Hours

Maximum Printing Size: 800mm × 800mm × 550mm

Notes:



EVALUATION

Advantages:

Smooth surface and high-detail reproduction

Outstanding toughness for structural and functional testing

Enhanced thermal resistance suitable for small-scale production

Limitations:

Light yellow color may be less visually appealing compared to white materials

KEY FEATURES

OLA 8200Pro is an upgraded version of our previous 8200 SLA resin, offering enhanced mechanical properties, superior toughness, and higher heat deflection temperature (up to 58°C). It delivers a smooth surface finish and excellent detail resolution, making it ideal for functional testing, design validation, and small batch production of end-use parts.

MATERIAL PROPERTIES

Heat Deflection Temperature: 58°C

Water Absorption: 0.26%

Tensile Modulus: 2600 MPa

Tensile Strength: 52.3 MPa

Elongation at Break: 11%

Yield Strain: 3.4%

Charpy Impact Strength: 36 KJ/m

APPLICATION SCENARIOS

- Home appliances (ACs, purifiers, vacuums)
- Automotive (dashboards, mirrors, trims)
- Electronics (phones, tablets, cameras)
- Industrial (tools, control panels)
- Medical/Education (anatomical models)

POST-PROCESSING OPTIONS

- Painting
- Thread tapping
- Polishing