

OLA Product Name: OLA 8228

Color: Light Green

Process: SLA

MATERIAL SUMMARY

Tolerance: $\pm 200\mu\text{m}$ or $\pm 0.2\%$
Lead Time: 24 hours
Maximum Printing Size: 600mm × 600mm × 400mm
Notes:



EVALUATION

- **Benefits:**
 - ✓ Superior surface finish ($Ra < 1\mu\text{m}$)
 - ✓ Balanced mechanical performance
 - ✓ 24-hour rapid turnaround
 - ✓ Outstanding dimensional stability ($\pm 0.2\%$)
- **Limitations:**
 - ✗ Only available in light green
 - ✗ Inherent layer lines (SLA characteristic)
 - ✗ Potential support marks in complex cavities

KEY FEATURES

OLA 8228 resin is a premium photopolymer resin offering exceptional hardness, accuracy and heat resistance, widely used for industrial functional and cosmetic verification.

MATERIAL PROPERTIES

- **HDT: 56.4°C**
- **Shore Hardness: 83**
- **Water Absorption: 0.44%**
- **Tensile Modulus: 3200MPa**
- **Tensile Strength: 62.4MPa**
- **Flexural Strength: 83.1MPa**
- **Flexural Modulus: 2390MPa**
- **Elongation at Break: 16%**

APPLICATION SCENARIOS

- **Appliances:** Full-size housing prototypes
- **Automotive:** Interior/exterior components
- **Electronics:** High-precision models
- **Industrial:** Functional jigs & fixtures

POST-PROCESSING OPTIONS

- **Painting**
- **Thread tapping**
- **Polishing**