

**OLA Product Name: LY6000**

**Color: White**

**Process: SLA**

## MATERIAL SUMMARY

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

**Lead Time:** 72 hours

**Maximum Printing Size:** 600mm × 600mm × 400mm

**Notes:**



## EVALUATION

- **Benefits:**
  - ✓ Professional matte white finish
  - ✓ Ultra-low 0.27% water absorption
  - ✓ Optimal toughness-strength balance
  - ✓ High dimensional stability ( $\pm 0.2\%$ )
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## KEY FEATURES

As an ABS-like white resin, LY6000 delivers exceptional surface quality and well-balanced performance for both functional and cosmetic verification.

## MATERIAL PROPERTIES

**HDT:** 50–55°C

**Tg:** 65°C

**Water Absorption:** 0.27%

**Tensile Strength:** 52–58MPa

**Elongation at Break:** 10–15%

**Flexural Modulus:** 2300–2800MPa

**Flexural Strength:** 80–100MPa

**Notched Impact:** 20–30J/M

**Shore Hardness:** 80D

## APPLICATION SCENARIOS

- **Automotive:** Interior/exterior validation
- **Medical:** Non-contact device prototypes
- **Consumer Electronics:** Premium appearance models
- **Industrial:** Precision functional parts

## POST-PROCESSING OPTIONS

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