



# OLA3280 CERAMIC RESIN

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**OLA Product Name: OLA3280 Ceramic Resin**

**Color: White**

**Process: LCD**

## MATERIAL SUMMARY

**Tolerance:**  $\pm 100\mu\text{m}$  or  $\pm 0.1\%$

**Lead Time:** 3 days

**Maximum Printing Size:** 200mm × 125mm × 210mm

**Notes:** For a version with a higher heat deflection temperature (218°C), please contact your account manager for a customized solution. This product is especially suitable for industrial applications requiring high hardness, heat resistance, and chemical resistance.



## EVALUATION

- **Benefits:**
  - ✓ Industrial-grade hardness (90D)
  - ✓ Stable at 163°C
  - ✓ Excellent chemical resistance
  - ✓ 0.1mm high precision
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## KEY FEATURES

OLA 3280 is a high-glass-content resin with ceramic-like properties, engineered for demanding industrial applications.

## APPLICATION SCENARIOS

- **Molds, jigs, and fixtures:** Low-volume injection molds and inserts; heat- and solvent-resistant components; jigs and fixtures; aerodynamic test models.

## MATERIAL PROPERTIES

**HDT:**

**0.45MPa:** 163°C

**1.82MPa:** 82°C

**Tensile Strength:** 65MPa

**Tensile Modulus:** 10GPa

**Elongation at Break:** 1%

**Flexural Strength:** 126MPa

**Flexural Modulus:** 9GPa

**Notched Impact:** 16J/m

**Shore Hardness:** 90D

## POST-PROCESSING OPTIONS

- **None**