



# OLA MICRONANO BIO RESIN

GET IN TOUCH CH +86 17169960305  
OR AT [SALES@OLA3DP.COM](mailto:SALES@OLA3DP.COM)  
[WWW.OLA3DP.COM](http://WWW.OLA3DP.COM)

**OLA Product Name: OLA Micronano BIO Resin**

**Color: Light Yellow**

**Process: DLP**

## MATERIAL SUMMARY

**Tolerance:  $\pm 20\mu\text{m}$  or  $\pm 0.02\%$**

**Lead Time: 4 days**

**Maximum Printing Size: 84mm × 63mm × 70mm**

**Notes:**



## EVALUATION

- **Advantages**
  - ① **Biocompatible material, suitable for medical applications**
  - ② **High dimensional accuracy and thermal resistance**
  - ③ **Capable of printing micro-scale features ( $\geq 50\mu\text{m}$ )**
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## KEY FEATURES

**Biocompatible with processing precision up to  $20\mu\text{m}$ , suitable for endoscopes, microneedles, and other precision medical devices.**

## APPLICATION SCENARIOS

- **Ideal for precision medical devices such as endoscopic components and microneedles for cosmetic or surgical use.**

## MATERIAL PROPERTIES

**Heat Deflection Temperature:  $100^{\circ}\text{C}$**

**Tensile Strength: 40 MPa**

**Elongation at Break: 5%**

**Flexural Modulus: 1500 MPa**

**Flexural Strength: 50 MPa**

● **Viscosity: 200 cps**

● **Shore Hardness: 80D**

## POST-PROCESSING OPTIONS

● **None**