

OLA Product Name: OLA Micronano HE200 Resin

Color: Light Yellow, Black

Process: DLP

MATERIAL SUMMARY

Tolerance: $\pm 30\mu\text{m}$ or $\pm 0.03\%$

Lead Time: 4 days

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

Notes:



EVALUATION

- **Advantages**
 - ① High strength and toughness balance
 - ② Ultra-precise printing with $\pm 30\mu\text{m}$ tolerance and 50 μm minimum feature size
 - ③ Excellent surface finish and dimensional control
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KEY FEATURES

Combines high strength and excellent toughness with ultra-precision DLP printing. Capable of printing fine structures down to 50 μm with machining tolerances up to $\pm 30\mu\text{m}$. Offers superior surface quality and dimensional accuracy, making it ideal for precision engineering.

Ideal for connectors, medical devices, and microelectronic applications.

MATERIAL PROPERTIES

Heat Deflection Temperature: 80°C

Tensile Strength: 45 MPa

Elongation at Break: 15%

Flexural Modulus: 1500 MPa

Flexural Strength: 54 MPa

Viscosity: 800 cps

Shore Hardness: 75D

APPLICATION SCENARIOS

- **Widely applied in connectors, microelectronics, and other industries requiring flexible and accurate parts.**

POST-PROCESSING OPTIONS

- **None**