



OLA MICRONANO HT210 RESIN

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OLA Product Name: OLA Micronano HT210 Resin

Color: Light Yellow, Black

Process: DLP

MATERIAL SUMMARY

Tolerance: $\pm 25\mu\text{m}$ or $\pm 0.025\%$

Lead Time: 4 days

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

Notes:



EVALUATION

- **Advantages**
 - ① **High heat resistance up to 210°C**
 - ② **Ultra-precision DLP printing, minimum feature size 50 μm**
 - ③ **Ideal for fine-detail components in harsh environments**
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KEY FEATURES

High-temperature resistant and ultra-precision DLP resin. Capable of printing microstructures as small as 50 μm with machining tolerance up to $\pm 25\mu\text{m}$.

APPLICATION SCENARIOS

- **Widely used in high-precision, high-temperature applications such as microelectronics, precision connectors, and industrial prototyping.**

MATERIAL PROPERTIES

Heat Deflection Temperature: 210°C

Tensile Strength: 51 MPa

Elongation at Break: 2%

Flexural Modulus: 4300 MPa

Flexural Strength: 110 MPa

● **Viscosity: 2000 cps**

Shore Hardness: 92D



POST-PROCESSING OPTIONS

- **Dyeing supported**