

OLA Product Name: OLA PC20

Color: Dark Blue

Process: LCD

MATERIAL SUMMARY

Tolerance: $\pm 150\mu\text{m}$ or $\pm 0.15\%$

Lead Time: 72 hours

Maximum Printing Size: 198mm × 123mm × 220mm

Notes:



EVALUATION

- **Benefits:**
 - ✓ 69MPa strength with 23% elongation
 - ✓ 2.3GPa high flexural modulus
 - ✓ Long-term creep resistance
 - ✓ Production-ready dimensional stability
 - ✓ Wear-resistant smooth surface

KEY FEATURES

This engineering-grade resin delivers optimal balance of properties for end-use products and long-term applications.

MATERIAL PROPERTIES

- **HDT @0.45MPa:** 60°C
- **Shore Hardness:** 84D
- **Tensile Strength:** 69MPa
- **Tensile Modulus:** 2.29GPa
- **Elongation at Break:** 23%
- **Flexural Modulus:** 2.30GPa
- **Flexural Strength:** 109MPa
- **Notched Impact:** 35J/m

APPLICATION SCENARIOS

- **Precision structures:** Camera mounts, connectors
- **Industrial tooling:** Long-life jigs
- **End-use parts:** Durable housings
- **Mechanical components:** High-load parts

POST-PROCESSING OPTIONS

- **Thread tapping**