

OLA Product Name: OLA ESD Anti-Static Resin

Color: Black

Process: LCD

MATERIAL SUMMARY

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

Lead Time: 72 hours

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

Notes:



EVALUATION

- **Benefits:**
 - ✓ Professional ESD dissipation
 - ✓ 90D hardness for durability
 - ✓ 12% good toughness
 - ✓ Tailored for electronics workshops
 - ✓ Improves production yield
-

KEY FEATURES

Specially developed for electronics manufacturing to protect sensitive components from electrostatic damage.

APPLICATION SCENARIOS

- **Electronics:** SMT production fixtures
- **Semiconductor:** Chip handling tools
- **Instruments:** Precision testing equipment
- **Packaging:** ESD-sensitive containers

MATERIAL PROPERTIES

HDT:

@1.8MPa: 54.2°C

@0.45MPa: 62.2°C

CTE: 123.7 $\mu\text{m}/\text{m}/^\circ\text{C}$

Elongation at Break: 12%

Tensile Modulus: 1.937GPa

Tensile Strength: 44.2MPa

Flexural Modulus: 1.841GPa

● **Flexural Strength:** 61MPa

Notched Impact: 26J/m

Shore Hardness: 90D

● **Surface/Volume Resistivity:** ANSI/ESD S11.11 compliant

POST-PROCESSING OPTIONS

● **None**