

**LOCTITE 3D  
IND147**
**Technology: DLS**
**COLOR OPTIONS:** ■ Black

**APPLICATIONS:**

- Tooling at high-temperature, low pressure
- Prototyping of high-temperature parts
- Polyurethane and silicone molding

**DESCRIPTION:**

LOCTITE® IND147 Black: A high-stiffness, high-temperature photopolymer resin. It's a one-part resin for easy use, saving time and labor. Ideal for precision molds, fixtures, and industrial tools in high-heat applications across various markets.

**FEATURES:**

- High HDT >230 °C
- Tough with good dimensional stability
- Good surface finish

**TECHNICAL DATA**

| PROPERTY                                            | ASTM  | METRIC UNITS   |
|-----------------------------------------------------|-------|----------------|
| Tensile Strength                                    | D638M | 67 MPa         |
| Modulus of Elasticity, Youngs Modulus               | D638M | 3,190 MPa      |
| Elongation Break (%)                                | D638M | 2.4 %          |
| Flexural Strength                                   | D790M | 120 MPa        |
| Flexural Modulus                                    | D790M | 3,690 MPa      |
| IZOD Impact Strength (notched)                      | D256A | 14.6 ± 0.1 J/m |
| Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C) | D648  | 291 °C         |