

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