

# EPX 150

**Technology: DLS**
**COLOR OPTIONS:** ■ Black

**APPLICATIONS:**

- Fluidic routing
- High-temperature sealed electrical connectors
- Autoclavable medical devices

**DESCRIPTION:**

EPX 150, an engineering-grade material, boasts superior chemical and creep resistance, matching the mechanical performance of high-end thermoplastics like PEEK and PSU. With a heat deflection temperature of 155°C, it's ideal for precision parts production, enabling innovation in high-temperature and chemically demanding applications such as sealed electrical connectors, fluid spray nozzles, and reusable medical devices.

**FEATURES:**

Exceptional temperature and chemical resistance, functional toughness, steam sterilizable.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	76 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2700 MPa
Elongation Break (%)	D638M	5%
Flexural Strength	D790M	123 MPa
Flexural Modulus	D790M	2980 MPa
IZOD Impact Strength (notched)	D256A	36 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	155°C