

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	2,700 MPa
Elongation Break (%)	D638M	5 %
Flexural Strength	D790M	123 MPa
Flexural Modulus	D790M	2,980 MPa
IZOD Impact Strength (notched)	D256A	36 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	155 °C