

Blu Nylon Black

Key Features

Stiffness • Wear resistance • Biocompatibility
• Impact resistance

Applications

Tooling • Jigs & fixtures • Engineering
Prototypes • Medical Devices • Load-bearing
parts

Product Description

Blu Nylon Black is a tough engineering resin with excellent strength, stiffness, and impact resistance, ideal for functional prototypes, jigs, fixtures, and load-bearing parts. It provides good heat resistance and biocompatibility, making it suitable for durable engineering and medical applications requiring precision and reliability.

Properties

Tensile modulus	1750 MPa
Elongation at break	45 %
Flexural modulus	1900 MPa
Heat deflection temperature (0.45 MPa)	63 °C
Density	1.15 g/cm ³
Hardness	78 D

Reference

For more detailed source information, please consult the original document linked here. We encourage users to verify the data's relevance and suitability for their specific needs.

