

# Nylon 6

**Technology: FDM**
**COLOR OPTIONS:** ■ Black

**APPLICATIONS:**

Functional prototypes, tooling.

**DESCRIPTION:**

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. Combines the strength of Ultem 9085 resin with the toughness of Nylon.

**FEATURES:**

Strong. Tough.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	29 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,817 MPa
Elongation Break (%)	D638M	3.2 %
Flexural Strength	D790M	82 MPa
Flexural Modulus	D790M	1,879 MPa
IZOD Impact Strength (notched)	D256A	43 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	93 °C