

NYLON 6

TECHNOLOGY: FDM

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.

Color Options: Black

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 |

