

Nylon 12

TECHNOLOGY: FDM

APPLICATIONS: Tooling, jigs & fixtures, repetitive snap fits, press (friction) fit inserts, panels and vibration resistant components.

DESCRIPTION: FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. FDM Nylon 12 has good strength properties, resistance to moderate chemicals and high fatigue resistance.

FEATURES: High fatigue resistance. Strong chemical resistance.

Color Options: Black

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	28 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,138 MPa
Elongation Break (%)	D638M	5.4 %
Flexural Strength	D790M	61 MPa
Flexural Modulus	D790M	1,180 MPa
IZOD Impact Strength (notched)	D256A	53 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	97 °C

