

# Polycarbonate

Technology: **FDM**

COLOR OPTIONS:  White



**APPLICATIONS:**

Conceptual modeling, functional prototypes, manufacturing tools, and end-use parts.

**DESCRIPTION:**

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. PC offers accuracy, durability and stability, producing strong parts that can withstand functional testing.

**FEATURES:**

Accurate. Durable. Stable.

TECHNICAL DATA		
PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	30 MPa
Modulus of Elasticity, Youngs Modulus	D638M	1,958 MPa
Elongation Break (%)	D638M	2.5 %
Flexural Strength	D790M	68 MPa
Flexural Modulus	D790M	1,800 MPa
IZOD Impact Strength (notched)	D256A	28 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	138 °C