

# PC-ISO

**Technology: FDM**

**COLOR OPTIONS:**  White & Translucent Natural



**APPLICATIONS:**

Conceptual modeling, functional prototyping, end-use parts, medical devices, food packaging.

**DESCRIPTION:**

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. PC-ISO has superior mechanical properties and complies with ISO 10993.

**FEATURES:**

Biocompatible (ISO 10993 and USP Class VI). Sterilizable using gamma radiation or Ethylene Oxide (Eta) methods.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	57 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,000 MPa
Elongation Break (%)	D638M	4 %
Flexural Strength	D790M	90 MPa
Flexural Modulus	D790M	2,100 MPa
IZOD Impact Strength (notched)	D256A	86 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	133 °C