

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