

ABS-M30i

TECHNOLOGY: FDM

APPLICATIONS: Medical devices.

DESCRIPTION: FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. Up to 25-70% stronger than standard ABS.

FEATURES: Strong. Biocompatible. Sterilizable with gamma radiation or Ethylene Oxide (Eta) sterilization methods.

Color Options: Ivory

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	36 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,400 MPa
Elongation Break (%)	D638M	4 %
Flexural Strength	D790M	61 MPa
Flexural Modulus	D790M	2,300 MPa
IZOD Impact Strength (notched)	D256A	139 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	96 °C

