

ABS-M30i

Technology: **FDM**

COLOR OPTIONS: Ivory



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.

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