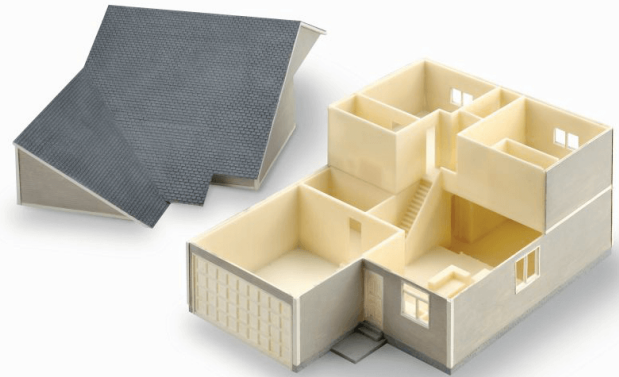


# ABS-M30

Technology: **FDM**

**COLOR OPTIONS:**

Ivory
  White
  Dark Gray  
 Red
  Blue



**APPLICATIONS:**

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

**DESCRIPTION:**

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. ABS-M30 is 25-70% stronger than standard ABS. With significantly stronger layer bonding than ABS and greater tensile, impact and flexural strength, ABS-M30 parts are stronger, smoother and have better feature detail.

**FEATURES:**

Durable, smooth, exceptional feature detail.  
 25%-70% stronger than standard ABS.  
 Greater tensile, impact and flexural strength.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	26 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,180 MPa
Elongation Break (%)	D638M	2 %
Flexural Strength	D790M	48 MPa
Flexural Modulus	D790M	1,760 MPa
IZOD Impact Strength (notched)	D256A	128 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	96 °C