

# ASA

Technology: **FDM**

**COLOR OPTIONS:**

■ Black ■ Dark Blue ■ Dark Gray ■ Green ■ Light Gray  
 ■ Yellow ■ White ■ Orange ■ Ivory ■ Red



**APPLICATIONS:**

General purpose prototyping, end-use parts, outdoor commercial and infrastructure parts, sporting goods, tools, automotive components and accessories.

**DESCRIPTION:**

FDM Technology uses the same tried and tested thermoplastics found in traditional manufacturing processes. ASA is a production-grade thermoplastic that combines mechanical strength and UV stability with the best part aesthetics FDM technology has to offer.

**FEATURES:**

UV stability. High resolution and detail.

**TECHNICAL DATA**

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	36 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,400 MPa
Elongation Break (%)	D638M	3 %
Flexural Strength	D790M	48 MPa
Flexural Modulus	D790M	1,630 MPa
IZOD Impact Strength (notched)	D256A	64 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	98 °C