

# ASA

**TECHNOLOGY: FDM**

**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.

Color Options: Black, Dark Blue, Dark Gray, Green, Light Gray, Yellow, White, Orange, Ivory, Red

## 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

