

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 |