



UV and weather resistant. Ideal for outdoor applications and functional parts exposed to sunlight. Ideal for outdoor applications and functional parts exposed to sunlight.

#### STRENGTHS

- + UV and weather resistant
- + Good mechanical properties
- + Outdoor-rated

#### LIMITATIONS

- Requires enclosed printer
- Higher cost than PLA
- Can warp during printing

#### CATEGORY

Tough & Durable

#### TECHNOLOGY

FDM (Fused Deposition Modeling)

#### SERVICES

prototyping, production

#### INDUSTRIES

Automotive, Robotics & Hardware, Consumer Electronics

#### AVAILABLE COLORS



White, Black, Gray

### MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	1.6 GPa
Tensile Strength (UTS)	42 MPa
Elongation at Break	3.4%
Flexural Modulus	2 GPa
Flexural Strength	64 MPa
Impact Strength (Izod)	90 J/m
Hardness	Shore D 78

### PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.07 g/cm <sup>3</sup>
Surface Roughness	15 Ra μm
Heat Deflection (HDT)	93 °C @ 0.45 MPa
Min Layer Height	200 μm
Light Transmission	Opaque
Max Build Dimension	360 mm