



Tough, chemical resistant, food-safe options. Good balance of strength and flexibility. Good balance of strength and flexibility. Food-safe options available.

STRENGTHS

- + Chemical resistant
- + Good impact strength
- + Food-safe options available
- + Balanced strength and flexibility

LIMITATIONS

- Stringing can affect surface
- Not as stiff as PLA or ABS
- Harder to post-process

CATEGORY

Tough & Durable

TECHNOLOGY

FDM (Fused Deposition Modeling)

SERVICES

prototyping, production

INDUSTRIES

Consumer Electronics, Medical & Biotech, Robotics & Hardware

AVAILABLE COLORS


White, Black, Custom Color

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	1.5 GPa
Tensile Strength (UTS)	47 MPa
Elongation at Break	5.1%
Flexural Modulus	1.7 GPa
Flexural Strength	66 MPa
Impact Strength (Izod)	80 J/m
Hardness	Shore D 74

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.27 g/cm ³
Surface Roughness	15 Ra μm
Heat Deflection (HDT)	68 °C @ 0.45 MPa
Min Layer Height	200 μm
Light Transmission	5%
Max Build Dimension	360 mm