



Strong, lightweight, chemical resistant. The standard for functional end-use parts. Excellent fatigue resistance and consistent mechanical properties. The standard for production runs. Isotropic, consistent, and reliable.

STRENGTHS

- + Isotropic — consistent in all directions
- + Production-grade strength
- + Chemical and fatigue resistant

LIMITATIONS

- Grainy surface texture
- Absorbs moisture over time
- Dark gray/black only

CATEGORY

Production Grade

TECHNOLOGY

MJF (HP Multi Jet Fusion)

SERVICES

prototyping, production

INDUSTRIES

Aerospace & Defense, Automotive, Robotics & Hardware

AVAILABLE COLORS


Gray, Black

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	1.7 GPa
Tensile Strength (UTS)	48 MPa
Elongation at Break	20%
Flexural Modulus	1.73 GPa
Flexural Strength	65 MPa
Impact Strength (Izod)	53 J/m
Hardness	Shore D 73

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.01 g/cm ³
Surface Roughness	10 Ra μm
Heat Deflection (HDT)	175 °C @ 0.45 MPa
Min Layer Height	80 μm
Light Transmission	Opaque
Max Build Dimension	340 mm