



HDT 238°C. Molds, tooling, and parts exposed to heat. Molds, tooling, and parts exposed to sustained heat.

STRENGTHS

- + HDT 238°C — highest heat resistance
- + Dimensionally stable at temperature
- + Good for molds and tooling

LIMITATIONS

- Brittle at room temperature
- Requires extended post-cure
- Premium pricing

CATEGORY

Specialty

TECHNOLOGY

SLA (Stereolithography)

SERVICES

prototyping

INDUSTRIES

Aerospace & Defense, Automotive

AVAILABLE COLORS


Amber

MECHANICAL PROPERTIES

PROPERTY	VALUE
Tensile Modulus	3.4 GPa
Tensile Strength (UTS)	58 MPa
Elongation at Break	2.3%
Flexural Modulus	2.8 GPa
Flexural Strength	95 MPa
Impact Strength (Izod)	18 J/m
Hardness	Shore D 85

PHYSICAL PROPERTIES

PROPERTY	VALUE
Density	1.28 g/cm ³
Surface Roughness	3 Ra μm
Heat Deflection (HDT)	238 °C @ 0.45 MPa
Min Layer Height	25 μm
Light Transmission	Opaque
Max Build Dimension	145 mm