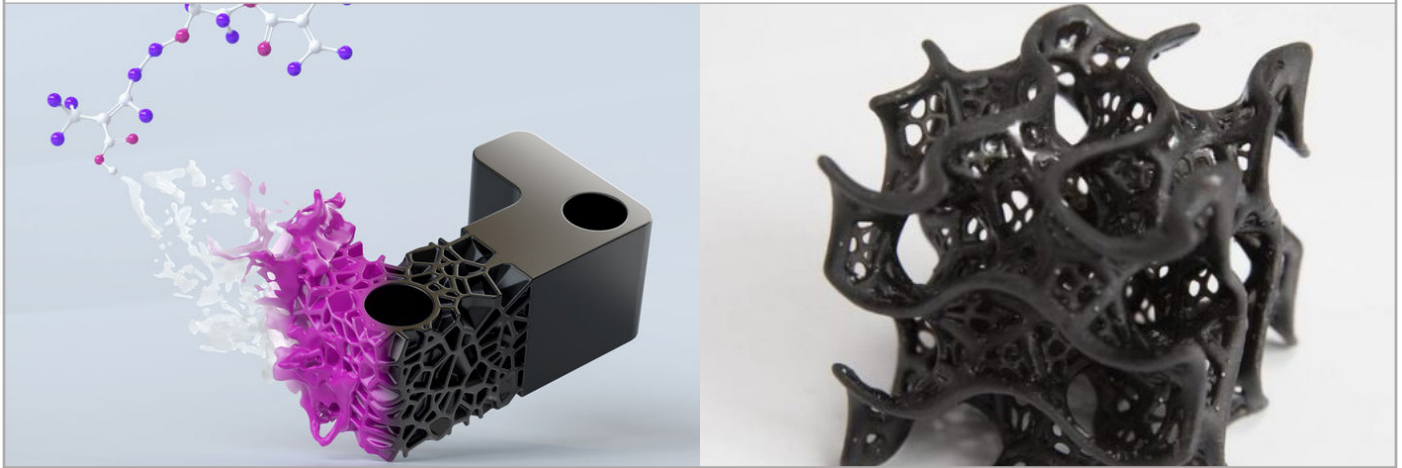


INFINAM® ST 6100 L

Technology: **HPS**

COLOR OPTIONS: ■ Black



APPLICATIONS:

- Products requiring detail and superior quality
- Molds, models, and tooling
- Components for aerospace, automotive, & electronics

DESCRIPTION:

INFINAM® ST 6100 L excels in producing high-precision components with exceptional mechanical properties, including remarkable tensile strength, toughness, and impact resistance. Additionally, the material showcases outstanding chemical and thermal resistance. Notably, delivering exceptional accuracy and surface finish.

FEATURES:

- Durable & tough
- High tensile strength combined with elongation
- High temperature resistance
- High green body strength
- Very good weatherability

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	89 MPa
Modulus of Elasticity, Youngs Modulus	D638M	3200 MPa
Elongation Break (%)	D638M	6 %
Flexural Strength	D790M	145 MPa
Flexural Modulus	D790M	3400 GPa
IZOD Impact Strength (notched)	D256A	22 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	120 °C