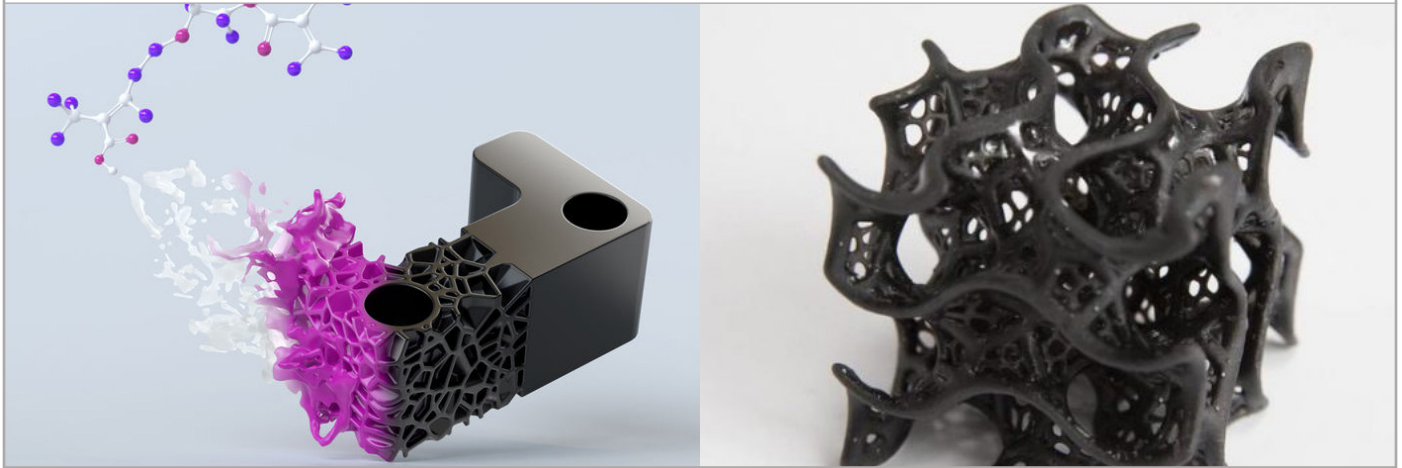


# Evonik 6100

Technology: **HPS**

COLOR OPTIONS: ■ Black



**APPLICATIONS:**

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

**DESCRIPTION:**

Evonik 6100 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