

PerFORM

TECHNOLOGY: SLA

APPLICATIONS: Tooling, wind tunnel testing, automotive housings.

DESCRIPTION: SLA materials mimic a wide array of engineering plastics, elastomers and composites. With the lowest viscosity of any composite stereolithography material, parts made from PerFORM are faster to build and easier to post-process and clean.

FEATURES: Strong, stiff, excellent detail resolution. High heat tolerance.

Color Options: Off-white

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS UV POSTCURE	METRIC UNITS THERMAL POSTCURE
Tensile Strength	D638M	68 MPa	80 MPa
Modulus of Elasticity, Youngs Modulus	D638M	10,500 MPa	9,800 MPa
Elongation Break (%)	D638M	1 %	1 %
Flexural Strength	D790M	120 MPa	146 MPa
Flexural Modulus	D790M	10,000 MPa	9,030 MPa
IZOD Impact Strength (notched)	D256A	17 J/m	20 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	132 °C	268 °C

