

NeXt

TECHNOLOGY: SLA / FRSLA[®]

APPLICATIONS: Snap-fits, impellers, duct work, connectors and electronic covers, automotive housings and dashboard assemblies, packaging, and sporting goods.

DESCRIPTION: SLA materials mimic a wide array of engineering plastics, elastomers and composites. NeXt material provides the accuracy of stereolithography with the look, feel and performance of a thermoplastic.

FEATURES: Tough, durable, accurate, thermoplastic-like performance.

Color Options: White

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	31-34 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2370-2490 MPa
Elongation Break (%)	D638M	8-10 %
Flexural Strength	D790M	67.8-70.8 MPa
Flexural Modulus	D790M	2,415-2,525 MPa
IZOD Impact Strength (notched)	D256A	.47-.52 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	55-57 °C

