

Accura (SI 60)

TECHNOLOGY: SLA

APPLICATIONS: Transparent assemblies, medical instruments, devices and labware; lighting components (lenses etc.), fluid flow and visualization models.

DESCRIPTION: SLA materials mimic a wide array of engineering plastics, elastomers and composites. Accura SI 60 is a clear plastic for quickly producing parts with the aesthetics of molded polycarbonate (PC). It is also suitable for investment casting patterns.

FEATURES: Tough, Functional.

Color Options: Transparent

TECHNICAL DATA

PROPERTY	ASTM	METRIC UNITS
Tensile Strength	D638M	58-68 MPa
Modulus of Elasticity, Youngs Modulus	D638M	2,690-3,100 MPa
Elongation Break (%)	D638M	5 -13 %
Flexural Strength	D790M	87-101 MPa
Flexural Modulus	D790M	2,700-3,000 MPa
IZOD Impact Strength (notched)	D256A	15-25 J/m
Heat Deflection Temperature @ 0.45 MPa/66 psi, (°C)	D648	53-55 °C

