

# POLYJET MATERIAL SPECIFICATIONS

## SCI White



### Highlights

- Available in PolyJet Standard build style (30mm [~.00118"] layer thickness)
- Opaque white
- Rigid and durable
- Produces excellent fine feature detail
- Quickly and economically produces parts

### Applications

- Highly accurate presentation models
- Smaller parts with complex features
- Medical devices and components
- Electronic housing
- Suitable for a wide range of industries

## TYPICAL PHYSICAL PROPERTIES

Property	Test Method	English	Metric
Color/Appearance	Visual	White	White
Tensile Strength	ASTM D638	7220 psi	50 MPa
Elongation at Break	ASTM D638	15% - 25%	15% - 25%
Modulus of Elasticity	ASTM D638	361,869 psi	2,495 MPa
Flexural Strength	ASTM D790	10,820 psi	74.6 MPa
Flexural Modulus	ASTM D790	310,000 psi	2,137 MPa
Izod Notched Impact	ASTM D256	0.7 ft-lb/in	37.5 J/m
Shore D Hardness	-	83 D	83 D
Heat Deflection Temperature	ASTM D648 @ 264 psi	109°F	43°C
	@ 66 psi	116°F	47°C



The material properties provided herein are for reference purposes only. Actual values may vary significantly as they are dramatically affected by part geometry and process parameters. Material specifications are subject to change with out notice.