VeroBlue

POLYJET TECHNOLOGY MATERIAL SPECIFICATIONS

Highlights

- General purpose, pale blue prototyping plastic
- Layer thickness is 0.0006”, the thinnest available giving a better raw surface finish
- Best accuracy, edge visualization and fine feature detail available
- Best fine feature detail available
- Available in two Z resolutions
- - PolyJet: 30µm (0.00118”)
- - PolyJet HD: 16µm (0.00063”)

Applications

- Highly accurate presentation models
- Smaller parts with complex features
- Medical devices and components
- Best for designs with high feature density

TYPICAL PHYSICAL PROPERTIES

MECHANICAL PROPERTIES	TEST METHOD	ENGLISH	METRIC
Color/Appearance	Visual	Pale Blue	Pale Blue
Tensile Strength	ASTM D638	7,975 psi	55 MPa
Elongation at Break	ASTM D638	15% - 25%	15% - 25%
Modulus of Elasticity	ASTM D638	362,500 psi	2,500 MPa
Flexural Strength	ASTM D790	9,450 psi	65 MPa
Flexural Modulus	ASTM D790	315,000 psi	2,200 MPa
Izod Notched Impact	ASTM D256	0.47 ft-lb/in	25 J/m
Shore D Hardness	-	85 D	85 D
Heat Deflection Temperature	ASTM D648 @ 264 psi	118°F	48°C
	@ 66 psi	118°F	48°C

The information presented represents typical values intended for reference and comparison purposes only. It should not be used for design specifications or quality control purposes. End-use material performance can be impacted (+/-) by, but not limited to, part design, end-use conditions, test conditions, color etc. Actual values will vary with build conditions. Product specifications are subject to change without notice.

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