

POLYJET MATERIAL SPECIFICATIONS

POLYJET HD BLUE

HIGHLIGHTS

- General purpose, pale blue prototyping plastic
- Layer thickness is 0.0006", the thinnest available giving a better raw surface finish
- Best accuracy and edge visualization
- Best fine feature detail available
- Highest resolution

APPLICATIONS

- Highly accurate presentation models
- Smaller parts with complex features
- Medical devices and components
- Best for designs with high feature density
- Suitable for a wide range of industries

TYPICAL PHYSICAL PROPERTIES

Property	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
Hardness (Shore D)	-	85 D	85 D
Heat Deflection Temperature	ASTM D648 @ 264 psi	118°F	48°C
	ASTM D648 @ 66 psi	118°F	48°C

PolyJet Material Datasheet 2015-09

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