

POLYJET MATERIAL SPECIFICATIONS

POLYJET 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 | 8,350 psi | 58 MPa |
| Elongation at Break | ASTM D638 | 10% - 25% | 10% - 25% |
| Modulus of Elasticity | ASTM D638 | 362,500 psi | 2,500 MPa |
| Flexural Strength | ASTM D790 | 13,500 psi | 93 MPa |
| Flexural Modulus | ASTM D790 | 392,500 psi | 2,700 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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