POLYJET MATERIAL – VERO (RIGID)

PolyJet 3D Printing – Additive Manufacturing

PolyJet Vero Rigid – Smooth surfaces 3d manufacturing materials in rigid, rubber, opaque, and transparent. This technology can also print materials simultaneously rigid and rubber in the same component for durable prototype models.

Technology:	PolyJet
Material type:	Photopolymer Resins
Elongation at Break % (ASTM D638):	10-25%
Flexural Strength (ASTM D638):	11,000-16,000 psi
Flexural Modulus (ASTM D790):	320,000-465,000 psi
Glass Transition Temperature (DMA):	126-129°F
Heat Deflection (HDT) @ 0.45 MPa (ASTM D648):	113-122°F
Heat Deflection (HDT) @ 1.82 MPa (ASTM D648):	113-122°F
Izod Notched (ASTM D256):	0.375-0.562 ft-lb/in
Available Colors:	Black, Blue, Clear, White
Max part size:	19.3 x 15.4 x 7.9 in.
Features size:	20-85 microns (for features below 50mm, up to 200 microns for full model size).
Min layer thickness:	16 microns (0.0006 in / 0.016 mm).
Tolerance:	± 0.0039-0.0118 in / 0.1-0.3 mm.
Applications:	Form or fit testing, Functional testing, Medical device, Smooth Surface, Industrial, Electronics, Sporting Goods, Applications.

PLASTIC MATERIAL DATA

Disclaimer: The data above is general information and may vary from machine to machine or supplier to supplier. All tolerance specifications reflect the approximate range of a process's capabilities and should be viewed only as a guide. Actual capabilities are dependent upon manufacturing, equipment, materials, and part requirements.