

3D Systems VisiJet M100 3-D Printer Model Material

Category : Polymer , Rapid Prototyping Polymer , Thermoplastic

Material Notes:

The InVision SR (standard resolution) 3-D printer delivers key advantages compared to other 3-D modeling technologies – superior model quality, durable photopolymer materials, surface finish and feature detail, and the ability to build complex models or patterns. Choose from five model material colors - black, blue, red, grey, and white. Reported here is preliminary tech data for the cured plastic models. Information provided by 3D Systems Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_3D-Systems-VisiJet-M100-3-D-Printer-Model-Material.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.14 g/cc	1.14 g/cc	Cured
Ash	0.010 %	0.010 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	15.6 %	15.6 %	ASTM D638
Tensile Modulus	0.7750 GPa	112.4 ksi	ASTM D638
Flexural Strength	42.1 MPa	6100 psi	ASTM D790
Flexural Modulus	0.110 GPa	16.0 ksi	ASTM D790
Izod Impact, Notched	0.133 J/cm	0.250 ft-lb/in	ASTM D256

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