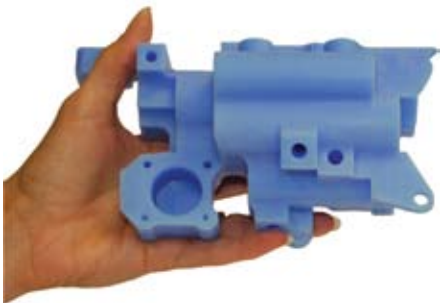


The VisiJet® Materials  
for ProJet™ 3D Printers

CREATE WITH CONFIDENCE.

- Address a wide range of commercial applications
- Produce high definition parts with crisp details and smooth surface finish
- Castable in a wide range of casting processes
- Support material offers easy, non hazardous post processing and preserves delicate features
- Parts can be drilled, glued, painted, plated, etc.



For more information about 3D Systems' VisiJet® Materials, visit [www.printin3d.com](http://www.printin3d.com)



# The VisiJet® Materials

For ProJet™ Professional and Production 3D Printer

The VisiJet® line of materials offers numerous capabilities to meet a variety of commercial applications. Using the Multi-Jet-Modeling (MJM) Technology, 3D Systems' 3D Printers use VisiJet® Materials to build accurate, high-definition models and prototypes for proof of concept, functional testing, master patterns for moldmaking, direct investment casting, architecture and other vertical markets.



Properties	Condition	VisiJet® MX	VisiJet® EX200	VisiJet® SR200			VisiJet® HR200	VisiJet® DP200	VisiJet® CPX200	VisiJet® CP200	VisiJet® S100/S300*	VisiJet® S200
Composition		-----UV Curable Acrylic Plastic-----							----- 100% Wax -----		Wax Support Material	
Color		Natural	Natural	Natural	Blue	Gray	Dark Blue	Dark Green	Dark Blue	Light Blue	White	White
Case Quantity (kg)		2 kg	4 kg	4 kg	4 kg	4 kg	2 kg	2 kg	1.52 kg	3.04 kg	3.24 kg / 2kg	3.24 kg
Density @ 80 °C (liquid), g/cm <sup>3</sup>	ASTM D4164	1.02	1.02	1.02	1.02	1.02	1.02	1.02	0.81	0.81	N/A	0.87
Tensile Strength, MPa	ASTM D638	31	42.4	26.2	20.5	22.1	32	32	N/A	N/A	N/A	N/A
Tensile Modulus, MPa	ASTM D638	1475	1283	1108	735	866	1724	1724	N/A	N/A	N/A	N/A
Elongation at Break, %	ASTM D638	20	6.83	8.97	8	6.1	12.3	12.3	N/A	N/A	N/A	N/A
Flexural Strength, MPa	ASTM D638			26.6	28.1	28.1	45	45	N/A	N/A	N/A	N/A
Heat Distortion Temp @ 66psi, °C	D648 @ 40MPa	39	56	46	46	46	N/A	N/A	N/A	N/A	N/A	N/A
Ash Content, %		N/A	N/A	0.01	0.01	0.01	0.01	0.01	N/A	N/A	N/A	N/A
Melting Point, °C		N/A	N/A	N/A	N/A	N/A	N/A	N/A	70	70	60	55-65
Softening Point, °C		N/A	N/A	N/A	N/A	N/A	N/A	N/A	52-62	52-62	40	
Volumetric Shrinkage, from 40 °C to RT, %		N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.24	2.24	N/A	N/A
Linear Shrinkage, from 40 °C to RT, %		N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.75	0.75	N/A	N/A
ProJet Compatability		5000	SD, HD	SD, HD	SD, HD	SD, HD	HD	DP	CPX	CP	SD, HD, DP, 5000	CP, CPX



333 Three D Systems Circle  
 Rock Hill, SC 29730 USA  
 Telephone +1(803) 326-4080  
 TollFree (800) 889-2964

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