

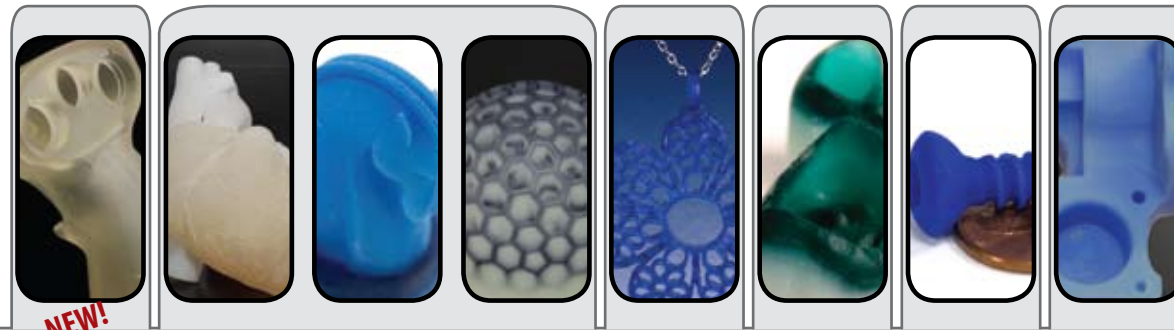


# The VisiJet Materials

## of 3-D Modeling



The VisiJet® line of acrylate materials offers numerous capabilities to meet a variety of commercial applications. Using the Multi Jet Modeling (MJM) Technology, 3D Systems' 3-D Printers and Modelers 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.



**NEW!**

Properties	Condition	VisiJet® EX200	VisiJet® SR200				VisiJet® HR200	VisiJet® DP200	VisiJet® CPX200	VisiJet® CP200	VisiJet® S100	VisiJet® S200
Composition		-----UV Curable Acrylic Plastic-----						----- Wax -----		Wax Support Material		
Color		Natural	Natural	Blue	Gray	Dark Blue	Dark Green	Dark Blue	Light Blue	White	White	
Case Quantity (# cartr/case, wt)		8, 0.5kg ea	8, 0.5kg ea	8, 0.5kg ea	8, 0.5kg ea	4, 0.5kg ea	4, 0.5kg ea	4, 0.38kg ea	8, 0.38kg ea	8, 0.4kg ea	8, 0.4kg ea	
Net Weight (per case)		4 kg	4 kg	4 kg	4 kg	2 kg	2 kg	1.52 kg	3.04 kg	3.24 kg	3.24 kg	
Density @ 80 °C (liquid), g/cm³	ASTM D4164	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	42.4	26.2	20.5	22.1	32	32	N/A	N/A	N/A	N/A	
Tensile Modulus, MPa	ASTM D638	1283	1108	735	866	1724	1724	N/A	N/A	N/A	N/A	
Elongation at Break, %	ASTM D638	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		46	46	46	N/A	N/A	N/A	N/A	N/A	N/A	
Ash Content, %			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	70	70	60	55-65	
Softening Point, °C			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	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	0.75	0.75	N/A	N/A	
ProJet Compatibility		SD, HD	SD, HD	SD, HD	SD, HD	HD	DP	CPX	CP	SD, HD, DP	CP, CPX	



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