

VisiJet® M3 Crystal

Unspecified

3D Systems

Message:

An engineered plastic performance for durability and stability ideal for functional testing and rapid tooling applications. This material also provides true plastic look and feel for a vast array of prototyping and end use applications. VisiJet Crystal is USP Class VI certified for approved medical applications.

General Information			
Features	Good stability		
	Durability		
	Biocompatibility		
Uses	Forming		
	Mould		
	Medical/nursing supplies		
Agency Ratings	USP Class VI		
Appearance	Translucent		
	Natural color		
Processing Method	3D Printing, Jetted Photopolymer		
Physical	Nominal Value	Unit	Test Method
Density ¹	1.02	g/cm ³	ASTM D4164
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1460	MPa	ASTM D638
Tensile Strength	42.4	MPa	ASTM D638
Tensile Elongation (Break)	6.8	%	ASTM D638
Flexural Strength	49.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	56.0	°C	ASTM D648
Additional Information			
ProJet Compatability: SD, HD			
NOTE			
1.	Liquid @ 80 °C		

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Recommended distributors for this material

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