

VisiJet® FTI Black

Unspecified
3D Systems

Message:

VisiJet FTI materials create durable plastic parts with excellent, high resolution detail that are tough enough for functional testing and snap-fit applications.

General Information			
Features	Durable		
	Good Surface Finish		
	Good Toughness		
Uses	Prototyping		
Appearance	Black		
Forms	Liquid		
Processing Method	3D Printing, Stereolithography		
Physical	Nominal Value	Unit	
Density ¹	1.08	g/cm³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	75 to 82		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	600 to 1000	MPa	ASTM D638
Tensile Strength	13.0 to 25.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0 to 4.0	%	ASTM D638
Flexural Modulus	600 to 1000	MPa	ASTM D790
Flexural Strength	19.0 to 34.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	17	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	84.0	°C	DMA
Heat Deflection Temperature	50	°C	ASTM D648
NOTE			
1.	Liquid @ 30 °C		

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Recommended distributors for this material

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