

VisiJet® SL Flex

Epoxy; Epoxide

3D Systems

Message:

VisiJet® SL Flex

Polypropylene-like look and feel

White opaque color

High flexibility and shape retention

High feature resolution and accuracy

Ideal for snap-fits assemblies

General Information			
Features	Good flexibility Excellent appearance		
Uses	Engineering accessories		
Appearance	White Opacity		
Forms	Liquid		
Processing Method	stereolithography		
Physical	Nominal Value	Unit	
Density			
-- ¹	1.14	g/cm ³	
-- ²	1.19	g/cm ³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	80		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1620	MPa	ASTM D638
Tensile Strength	38.0	MPa	ASTM D638
Tensile Elongation (Break)	16	%	ASTM D638
Flexural Modulus	1420	MPa	ASTM D790
Flexural Strength	57.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	22	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	61.0	°C	ASTM D648
1.8 MPa, not annealed	53.0	°C	ASTM D648
Glass Transition Temperature	60.0	°C	DMA
Additional Information			
ProJet Compatability: SD, HD, MP			

NOTE

1. Liquid @ 25 °C
2. Solid @ 25 °C

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