

VisiJet® SL Black

Epoxy; Epoxide

3D Systems

Message:

- VisiJet® SL Black
- ABS-like look and feel
- Black Color
- High strength and good dimensional stability
- Ideal for automotive and consumer goods prototyping
- Ideal for electronics housing

General Information			
Features	Good dimensional stability		
	High strength		
Uses	Forming		
	Electrical/Electronic Applications		
	Electrical housing		
	Engineering accessories		
	Application in Automobile Field		
	Consumer goods application field		
Appearance	Black		
Forms	Liquid		
Processing Method	stereolithography		
Physical	Nominal Value	Unit	
Density	-- ¹	1.13	g/cm ³
	-- ²	1.15	g/cm ³
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	86		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2150	MPa	ASTM D638
Tensile Strength	45.0	MPa	ASTM D638
Tensile Elongation (Break)	5.0	%	ASTM D638
Flexural Modulus	2350	MPa	ASTM D790
Flexural Strength	76.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	54.0	°C	ASTM D648

1.8 MPa, not annealed	51.0	°C	ASTM D648
Glass Transition Temperature	62.0	°C	DMA
Additional Information			
ProJet Compatability: SD, HD, MP			
NOTE			
1.	Liquid @ 25 °C		
2.	Solid @ 25 °C		

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