

VisiJet® SL Clear

Epoxy; Epoxide

3D Systems

Message:

- VisiJet® SL Clear
- Polycarbonate -like look and feel
- Crystal-clear appearance
- Stiff and durable
- USP Class VI capable
- Ideal for "see-thru" applications
- QuickCast™ capable to producing investment casting patterns

General Information			
Features	Pure/High Purity		
	Rigidity, high		
	Durability		
	Definition, high		
Uses	Transparent Parts		
Agency Ratings	USP Class VI		
Appearance	Clear/transparent		
Forms	Liquid		
Processing Method	stereolithography		
Physical	Nominal Value	Unit	
Density			
-- ¹	1.10	g/cm³	
-- ²	1.17	g/cm³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	85		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2560	MPa	ASTM D638
Tensile Strength	52.0	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	2330	MPa	ASTM D790
Flexural Strength	83.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	46	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	51.0	°C	ASTM D648
1.8 MPa, not annealed	50.0	°C	ASTM D648
Glass Transition Temperature	70.0	°C	DMA

Additional Information

ProJet Compatability: SD, HD, MP

NOTE

- | | |
|----|----------------|
| 1. | Liquid @ 25 °C |
| 2. | Solid @ 25 °C |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

