

VisiJet® SL Impact

Epoxy; Epoxide

3D Systems

Message:

- VisiJet® SL Impact
- PP/ABS-like performance
- White opaque color
- Exceptionally tough and durable
- Ideal for challenging functional assemblies and demanding applications
- Small lot direct manufacturing applications

General Information			
Features	Impact resistance, good		
	Durability		
	Good toughness		
Uses	Engineering accessories		
	Machine/mechanical parts		
Appearance	White		
Forms	Liquid		
Processing Method	stereolithography		
Physical	Nominal Value	Unit	
Density			
-- 1	1.12	g/cm³	
-- 2	1.18	g/cm³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	80		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2630	MPa	ASTM D638
Tensile Strength	48.0	MPa	ASTM D638
Tensile Elongation (Break)	14	%	ASTM D638
Flexural Modulus	2390	MPa	ASTM D790
Flexural Strength	74.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	65	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	47.0	°C	ASTM D648
1.8 MPa, not annealed	42.0	°C	ASTM D648
Glass Transition Temperature	65.0	°C	DMA
Additional Information			

NOTE

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

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