

VisiJet® SL Tough

Epoxy; Epoxide

3D Systems

Message:

- VisiJet® SL Tough
- PP/ABS-like performance
- Grey opaque color
- High durability and impact strength
- Ideal for form, fit and function testing
- Master patterns for RTV/Silicone molding

General Information			
Features	Impact resistance, high		
	Durability		
Uses	Mold Making		
	Forming		
	Engineering accessories		
Appearance	Opacity		
	Grey		
Forms	Liquid		
Processing Method	stereolithography		
Physical	Nominal Value	Unit	
Density			
-- ¹	1.13	g/cm ³	
-- ²	1.19	g/cm ³	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	86		
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1890	MPa	ASTM D638
Tensile Strength	41.0	MPa	ASTM D638
Tensile Elongation (Break)	18	%	ASTM D638
Flexural Modulus	1850	MPa	ASTM D790
Flexural Strength	62.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, not annealed	62.0	°C	ASTM D648
1.8 MPa, not annealed	54.0	°C	ASTM D648

Glass Transition Temperature	52.0	°C	DMA
Additional Information			
ProJet Compatability: SD, HD, MP			
NOTE			
1.	Liquid @ 25 °C		
2.	Solid @ 25 °C		

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