

D-MEC SCR950

Unspecified

D-MEC Ltd.

Message:

Oxycetane Resin
Characteristics: High sensitivity, high toughness
Laser: He-Cd
Post-cure: Not needed

General Information			
Features	Good Toughness		
Forms	Liquid		
Processing Method	3D Printing, Stereolithography		
Physical	Nominal Value	Unit	
Density ¹	1.10	g/cm ³	
Viscosity ² (25°C)	590	mPa · s	
Critical Exposure	5.00	mJ/cm ²	
Penetration Depth	79.0	μm	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	85		
Mechanical	Nominal Value	Unit	
Tensile Modulus	2000	MPa	
Tensile Strength	51.0	MPa	
Tensile Elongation (Break)	8.0	%	
Flexural Modulus	2600	MPa	
Flexural Strength	75.0	MPa	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	64.0	°C	
Glass Transition Temperature	121	°C	DMA
NOTE			
1.	Liquid Resin		
2.	Liquid Resin		

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