

D-MEC SCR751

Epoxy; Epoxide

D-MEC Ltd.

Message:

Characteristics: General use, moisture resistant

Laser: He-Cd

Post-cure: Not needed

General Information			
Features	General Purpose		
	Moisture Resistant		
Uses	General Purpose		
Forms	Liquid		
Processing Method	3D Printing, Stereolithography		
Physical	Nominal Value	Unit	
Density ¹	1.13	g/cm ³	
Viscosity ² (25°C)	360	mPa · s	
Critical Exposure	20.0	mJ/cm ²	
Penetration Depth	139.0	μm	
Hardness	Nominal Value	Unit	
Durometer Hardness (Shore D)	88		
Mechanical	Nominal Value	Unit	
Tensile Modulus	3400	MPa	
Tensile Strength	80.0	MPa	
Tensile Elongation (Break)	5.0	%	
Flexural Modulus	3300	MPa	
Flexural Strength	115	MPa	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	56.0	°C	
Glass Transition Temperature	108	°C	DMA
NOTE			
1.	Liquid Resin		
2.	Liquid Resin		

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