D-MEC SCR802

Epoxy; Epoxide

D-MEC Ltd.

Message:

Characteristics: For direct mold
Laser: Ar/solid-state
Post-cure: Heating

General Information			
Uses	Mold Making		
Forms	Liquid		
Processing Method	3D Printing, Stereolithography		
Physical	**Nominal Value**	**Unit**	
Density [1]	1.59	g/cm³	
Viscosity [2] (25°C)	4.80	Pa·s	
Critical Exposure	9.00	mJ/cm²	
Penetration Depth	152.0	µm	
Hardness	**Nominal Value**	**Unit**	
Durometer Hardness (Shore D)	92		
Mechanical	**Nominal Value**	**Unit**	
Tensile Modulus	9200	MPa	
Tensile Strength	85.0	MPa	
Tensile Elongation (Break)	2.0	%	
Flexural Modulus	8900	MPa	
Flexural Strength	120	MPa	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	250	°C	
Glass Transition Temperature	133	°C	DMA
NOTE			
1.	Liquid Resin		
2.	Liquid Resin		

Recommended distributors for this material

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