D-MEC SCR9100

Epoxy; Epoxide

D-MEC Ltd.

Message:

Characteristics: Ultra-high toughness
Laser: Solid-state
Post-cure: Not needed

General Information		
Features	Ultra High Toughness	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	**Nominal Value**	**Unit**
Density [1]	1.11	g/cm³
Viscosity [2] (30°C)	560	mPa·s
Critical Exposure	6.80	mJ/cm²
Penetration Depth	130.0	µm
Mechanical	**Nominal Value**	**Unit**
Tensile Modulus	1100 to 1400	MPa
Tensile Strength	28.0 to 32.0	MPa
Tensile Elongation (Break)	14 to 17	%
Flexural Modulus	1200 to 1500	MPa
Flexural Strength	42.0 to 62.0	MPa
Impact	**Nominal Value**	**Unit**
Unnotched Izod Impact	32 to 43	J/m
Thermal	**Nominal Value**	**Unit**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	60.0 to 65.0	°C
NOTE		
1.	Liquid Resin	
2.	Liquid Resin	

Recommended distributors for this material

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