D-MEC SCR9120

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]	1.13	g/cm³
Viscosity [2] (30°C)	450	mPa·s
Critical Exposure	10.9	mJ/cm²
Penetration Depth	140.0	µm
Mechanical	**Nominal Value**	**Unit**
Tensile Modulus	1200 to 1500	MPa
Tensile Strength	30.0 to 32.0	MPa
Tensile Elongation (Break)	15 to 25	%
Flexural Modulus	1300 to 1500	MPa
Flexural Strength	41.0 to 46.0	MPa
Impact	**Nominal Value**	**Unit**
Unnotched Izod Impact	48 to 53	J/m
Thermal	**Nominal Value**	**Unit**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	52.0 to 61.0	°C
NOTE		
1.	Liquid Resin	
2.	Liquid Resin	

Recommended distributors for this material

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