D-MEC SCR740

Epoxy; Epoxide

D-MEC Ltd.

Message:

Characteristics: Ultra-high heat resistance
Laser: Solid-state
Post-cure: Heating

General Information		
Features	High Heat Resistance	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	**Nominal Value**	**Unit**
Density [1]	1.13	g/cm³
Viscosity [2] (25°C)	430	mPa·s
Critical Exposure	16.0	mJ/cm²
Penetration Depth	120.0	µm
Mechanical	**Nominal Value**	**Unit**
Tensile Modulus	3000	MPa
Tensile Strength	62.0	MPa
Tensile Elongation (Break)	3.0	%
Flexural Modulus	2800	MPa
Flexural Strength	110	MPa
Impact	**Nominal Value**	**Unit**
Unnotched Izod Impact	29	J/m
Thermal	**Nominal Value**	**Unit**
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C
Glass Transition Temperature	135	°C
NOTE		
1.	Liquid Resin	
2.	Liquid Resin	

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China