

# 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 <sup>1</sup>	1.13	g/cm <sup>3</sup>
Viscosity <sup>2</sup> (25°C)	430	mPa · s
Critical Exposure	16.0	mJ/cm <sup>2</sup>
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	

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

