

D-MEC SCR11120

Epoxy; Epoxide

D-MEC Ltd.

Message:

Characteristics: Crystal clear
Laser: Solid-state
Post-cure: Not needed

General Information		
Appearance	Clear/Transparent	
Forms	Liquid	
Processing Method	3D Printing, Stereolithography	
Physical	Nominal Value	Unit
Density ¹	1.12	g/cm ³
Viscosity ² (30°C)	260	mPa · s
Critical Exposure	12.0	mJ/cm ²
Penetration Depth	160.0	µm
Hardness	Nominal Value	Unit
Durometer Hardness (Shore D)	81	
Mechanical	Nominal Value	Unit
Tensile Modulus	2650	MPa
Tensile Strength	47.0	MPa
Tensile Elongation (Break)	20	%
Flexural Modulus	2040	MPa
Flexural Strength	63.0	MPa
Impact	Nominal Value	Unit
Unnotched Izod Impact	30	J/m
Thermal	Nominal Value	Unit
Deflection Temperature Under Load (1.8 MPa, Unannealed)	46.0	°C
Glass Transition Temperature	43.0	°C
NOTE		
1.	Liquid Resin	
2.	Liquid Resin	

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