

SUMIMAC® ECR-9250K

Epoxy; Epoxide

SBHPP

Message:

One component liquid epoxy resin
Application : Relay
Advantage : Heat resistance and good adhesive strength

General Information			
Features	Good adhesion		
	Heat resistance, medium		
Appearance	Black		
Forms	Liquid		
Physical	Nominal Value	Unit	
Water absorption rate-Boiling water, 2 hrs soaking	0.4	wt%	
Adhesion Strength			
Cu/Cu	9.00	MPa	
LCP/LCP	10.0	MPa	
Mechanical	Nominal Value	Unit	
Flexural Modulus (25°C)	5000	MPa	
Flexural Strength (25°C)	83.0	MPa	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	150	°C	TMA
CLTE - Flow	4.0E-5	cm/cm/°C	TMA
Uncured Properties	Nominal Value	Unit	
Density (25°C)	1.40	g/cm³	
Viscosity (25°C)	20	Pa·s	
Curing Time			
120°C	0.50	hr	
100°C	1.0	hr	
Cured Properties	Nominal Value	Unit	
Shore Hardness (Shore D)	88		
Volume Resistivity (25°C)	1.0E+16	ohms·cm	

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Recommended distributors for this material

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