

SUMIMAC® ECR-9185K

Epoxy; Epoxide

SBHPP

Message:

One component liquid epoxy resin

Application : Relay

Advantage : Good adhesive strength

General Information			
Features	Good adhesion		
Appearance	Black		
Forms	Liquid		
Physical	Nominal Value	Unit	
Water absorption rate-Boiling water, 2 hrs soaking	0.8	wt%	
Adhesion Strength - Al/Al	11.0	MPa	
Mechanical	Nominal Value	Unit	
Flexural Modulus (25°C)	4400	MPa	
Flexural Strength (25°C)	86.0	MPa	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	130	°C	TMA
CLTE - Flow	5.0E-5	cm/cm/°C	TMA
Uncured Properties	Nominal Value	Unit	
Density (25°C)	1.40	g/cm³	
Viscosity (25°C)	40	Pa·s	
Curing Time			
120°C	0.50	hr	
100°C	1.0	hr	
Cured Properties	Nominal Value	Unit	
Shore Hardness (Shore D)	90		
Volume Resistivity (25°C)	1.0E+16	ohms·cm	

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