

SUMIMAC® ECR-2222K/ECH-222G

Epoxy; Epoxide

SBHPP

Message:

Separated-type liquid epoxy resin

Application : Ignition coil package

Advantage : Good impregnation ability

General Information			
Uses	Impregnation uses		
Appearance	Black		
Forms	Liquid		
Physical	Nominal Value	Unit	
Water absorption rate-Boiling water, 2 hrs soaking	0.2	wt%	
Mechanical	Nominal Value	Unit	
Flexural Modulus (25°C)	8500	MPa	
Flexural Strength (25°C)	110	MPa	
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	120	°C	TMA
CLTE - Flow	4.0E-5	cm/cm/°C	TMA
Thermoset	Nominal Value	Unit	Test Method
Thermoset Components			
Component a	Mixing ratio by weight: 100		
Component B	Mixing ratio by weight: 100		
Thermoset Mix Viscosity (60°C)	500	cP	ASTM D2393
Uncured Properties	Nominal Value	Unit	Test Method
Density (25°C)	1.70	g/cm ³	
Cured Properties	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	90		
Volume Resistivity (25°C)	1.0E+16	ohms·cm	
Breakdown Voltage (1.00 mm)	33	kV/mm	

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Recommended distributors for this material

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