

Sumiliteresin® ECP-296

Epoxy; Epoxide

SBHPP

Message:

Epoxy coating powder for electrical components

Application : Ceramic component

Advantage : Thermal cycle resistance, High strength, Fast cure

General Information			
Features	High strength		
	Fast curing		
Uses	Electrical/Electronic Applications		
	Coating application		
Appearance	Blue		
Forms	Powder		
Hardness	Nominal Value		
Barcol Hardness	90		
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	105	°C	TMA
CLTE - Flow	4.0E-5	cm/cm/°C	TMA
Electrical	Nominal Value	Unit	Test Method
Comparative Tracking Index	275	V	
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
Uncured Properties	Nominal Value	Unit	
Curing Time (150°C)	0.50	hr	
Cured Properties	Nominal Value	Unit	
Volume Resistivity			
-- 1	1.0E+14	ohms · cm	
25°C	1.0E+15	ohms · cm	
Breakdown Voltage (0.300 mm)	20	kV/mm	
NOTE			
1.	After 2hrs boiling		

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