

Ablebond 84-1LMINB1

Epoxy; Epoxide
Henkel Ablestik

Message:

ABLEBOND® 84-1LMINB1 die attach adhesive is formulated to bond difficult-to-wet surfaces such as palladium-silver capacitors terminations. This adhesive reduces capacitor shorting problems caused by resin bleed.
ABLEBOND® 84-1LMINB1 meets the requirements of MIL-STD-883, Method 5011.

General Information		
Filler / Reinforcement	Silver	
Features	Bondability	
	Electrically Conductive	
Uses	Adhesives	
	Bonding	
Agency Ratings	MIL Std. 883 Method 5011	
Appearance	Silver	
Forms	Paste	
Thermal	Nominal Value	Unit
Glass Transition Temperature	90.0	°C
CLTE - Flow		
< 90°C	5.0E-5	cm/cm/°C
> 90°C	1.3E-4	cm/cm/°C
Thermal Conductivity	3.9	W/m/K
Electrical	Nominal Value	Unit
Volume Resistivity	3.0E-4	ohms · cm
Thermoset	Nominal Value	Unit
Shelf Life		
-40°C	52	wk
-10°C	26	wk
5°C	13	wk
Post Cure Time (150°C)	1.0	hr
Fill Analysis	Nominal Value	Unit
Brookfield Viscosity - CP51 (25°C) ¹	50.0	Pa · s
Ionic Chloride	< 20	ppm
Ionic Potassium	< 10	ppm
Ionic Sodium	< 20	ppm
Shear Strength - Die (IC)		
25°C	60801	N
250°C	11768	N

Water Extract Conductivity	9.70	μS/cm
Weight Loss on Heating (300°C)	0.20	%
Work Life (25°C)	14.0	day

NOTE

1. Speed 5 rpm

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

