

# Ablebond 84-3

Epoxy; Epoxide  
Henkel Ablestik

Message:

ABLEBOND® 84-3 adhesive is designed for die attach applications. This adhesive is ideal for application by automatic dispensing, screen printing or hand.

General Information		
Features	Electrically Insulating	
Uses	Adhesives	
	Screen Printing	
Appearance	Blue	
Forms	Paste	
Physical	Nominal Value	
pH	5.5	
Brookfield Viscosity - CP51 <sup>1</sup> (25°C)	50.0	Pa · s
Ionic Chloride	6	ppm
Ionic Potassium	11	ppm
Ionic Sodium	2	ppm
Lap Shear (25°C)	18.6	MPa
Shear Strength - Die (Au) <sup>2</sup> (25°C)	193	N
Water Extract Conductivity	15.0	µS/cm
Weight Loss on Heating (300°C)	0.17	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	85.0	°C
CLTE - Flow		
< 85°C	4.0E-5	cm/cm/°C
> 85°C	1.0E-4	cm/cm/°C
Thermal Conductivity (121°C)	0.80	W/m/K
Electrical	Nominal Value	Unit
Volume Resistivity	3.5E+13	ohms · cm
Thermoset	Nominal Value	Unit
Pot Life (25°C)	20000	min
Shelf Life (-40°C)	52	wk
Post Cure Time		
125°C	2.0	hr
150°C	1.0	hr
NOTE		
1.	Speed 5 rpm	
2.	2 X 2 mm Au die	

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Recommended distributors for this material

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