

# Ablefilm ECF561E

Epoxy; Epoxide  
Henkel Ablestik

## Message:

ABLEFILM® ECF561E electrically conductive die attach adhesive is designed for bonding materials with severely mismatched coefficients of thermal expansion. When used for substrate attach, this adhesive film acts as an electrical ground plane.

General Information			
Filler / Reinforcement	Silver		
Features	Electrically Conductive		
	Good Electrical Properties		
	Good Flexibility		
Uses	Adhesives		
	Bonding		
	Film		
Appearance	Grey		
Forms	Pellets		
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	47.0	°C	DSC
CLTE - Flow			ASTM D696
< 47°C	1.0E-4	cm/cm/°C	
> 47°C	3.8E-4	cm/cm/°C	
Thermal Conductivity (121°C)	1.6	W/m/K	
Thermoset	Nominal Value	Unit	
Shelf Life (-40°C)	52	wk	
Post Cure Time			
125°C	2.0	hr	
150°C	1.0	hr	
Additional Information	Nominal Value	Unit	
Bond Joint Resistance	0.00200	ohms/in²	
Carrier Resin	Glass fabric		
Lap Shear			
Al to Al	13.8	MPa	
Au to Au	14.5	MPa	
Weight Loss on Heating (300°C)	0.55	%	

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Recommended distributors for this material

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