

# EPO-TEK® B9021-15

Epoxy; Epoxide

Epoxy Technology Inc.

## Message:

A single component, thermally conductive, B-Stage epoxy paste.

Formerly 52-123-4

General Information		
Features	Thermally Conductive	
Agency Ratings	EC 1907/2006 (REACH)	
	EU 2003/11/EC	
	EU 2006/122/EC	
RoHS Compliance	RoHS Compliant	
Forms	Paste	
Physical	Nominal Value	Unit
Particle Size	< 20.0	µm
Degradation Temperature	328	°C
Operating Temperature		
Continuous	-55 to 175	°C
Intermittent	-55 to 275	°C
Storage Modulus	3.90	GPa
Thixotropic Index	4.30	
Weight Loss on Heating		
200°C	2.3	%
250°C	5.4	%
300°C	8.5	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	100	°C
Thermal Conductivity	1.3	W/m/K
Thermoset	Nominal Value	Unit
Shelf Life (-40°C)	52	wk
Uncured Properties	Nominal Value	Unit
Color	Cream	
Density	1.30	g/cm <sup>3</sup>
Viscosity <sup>1</sup> (23°C)	45	Pa · s
Curing Time		
75°C <sup>2</sup>	0.50	hr
150°C	1.0	hr
Pot Life	40000	min

Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	65	
NOTE		
1.	5 rpm	
2.	B-stage	

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#### Recommended distributors for this material

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