

# EPO-TEK® TJ2183-LH

Epoxy; Epoxide  
Epoxy Technology Inc.

Message:  
A two component, electrically insulating die attach adhesive with extended pot-life  
Formerly 99-183-2

General Information		
Features	Electrically Insulating	
	Thixotropic	
Uses	Adhesives	
	Electrical/Electronic Applications	
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	412	°C
Operating Temperature		
Continuous	-55 to 250	°C
Intermittent	-55 to 350	°C
Thixotropic Index	2.60	
Weight Loss on Heating		
200°C	0.050	%
250°C	0.24	%
300°C	0.66	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	112	°C
Thermal Conductivity	0.38	W/m/K
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 5.7	
Shelf Life (23°C)	52	wk
Uncured Properties	Nominal Value	Unit

Color		
-- 1	Amber	
-- 2	Cream	
Density		
Part B	1.18	g/cm³
Part A	1.53	g/cm³
Viscosity (23°C)	41	Pa·s
Curing Time (150°C)	> 1.0	hr
Pot Life	13000	min
NOTE		
1.	Part B	
2.	Part A	

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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

