

# EPO-TEK® 301-2G

Epoxy; Epoxide

Epoxy Technology Inc.

## Message:

A two component version of EPO-TEK 301-2 with added indicator for enhanced process control capabilities.  
Formerly 100-122

General Information		
Agency Ratings	EC 1907/2006 (REACH)	
	EU 2003/11/EC	
	EU 2006/122/EC	
RoHS Compliance	RoHS Compliant	
Forms	Liquid	
Thermal	Nominal Value	Unit
Glass Transition Temperature	89.0	°C
CLTE - Flow		
-- <sup>1</sup>	6.1E-5	cm/cm/°C
-- <sup>2</sup>	1.8E-4	cm/cm/°C
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 35	
Shelf Life (23°C)	52	wk
Additional Information	Nominal Value	Unit
Degradation Temperature	360	°C
Die Shear Strength - >15 kg (23°C)	35.2	MPa
Operating Temperature		
Continuous	-55 to 200	°C
Intermittent	-55 to 300	°C
Storage Modulus	2.06	GPa
Weight Loss on Heating		
200°C	0.010	%
250°C	0.46	%
300°C	2.2	%
Uncured Properties	Nominal Value	Unit
Color		
-- <sup>3</sup>	Clear/Transparent	
-- <sup>4</sup>	Clear/Transparent	
Density		

Part B	0.888	g/cm <sup>3</sup>
Part A	1.05	g/cm <sup>3</sup>
Viscosity <sup>5</sup> (23°C)	0.30	Pa·s
Curing Time (80°C)	3.0	hr
Pot Life	480	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	80	
Lap Shear Strength (23°C)	> 13.8	MPa
NOTE		
1.	Below Tg	
2.	Above Tg	
3.	Part B	
4.	Part A	
5.	100 rpm	

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#### Recommended distributors for this material

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