

EPO-TEK® GD2191

Epoxy; Epoxide

Epoxy Technology Inc.

Message:

A two component, thermally conductive, electrically insulating epoxy with long pot life and adhesion to stainless steel.
Formerly 77-191

General Information		
Features	Electrically Insulating	
	Thermally Conductive	
	Thixotropic	
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	45.0	µm
Degradation Temperature	375	°C
Operating Temperature		
Continuous	-55 to 150	°C
Intermittent	-55 to 250	°C
Thixotropic Index	2.80	
Weight Loss on Heating		
200°C	0.54	%
250°C	1.5	%
300°C	2.9	%
Thermal	Nominal Value	Unit
Glass Transition Temperature	78.0	°C
Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 1.0	
Part B	Mix Ratio by Weight: 1.0	
Shelf Life (23°C)	52	wk
Uncured Properties	Nominal Value	Unit
Color		
-- 1	Beige	
-- 2	Tan	

Density		
Part A	1.12	g/cm ³
Part B	2.49	g/cm ³
Viscosity ³ (23°C)	18	Pa·s
Curing Time (150°C)	0.083	hr
Pot Life	< 2900	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	79	
NOTE		
1.	Part B	
2.	Part A	
3.	10 rpm	

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