

EPO-TEK® T7110-38

Epoxy; Epoxide

Epoxy Technology Inc.

Message:

Two component thermally conductive epoxy used for potting and encapsulating.
Formerly 88-38

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	
Processing Method	Encapsulating	
	Potting	

Physical	Nominal Value	Unit
Particle Size	< 50.0	µm
Degradation Temperature	329	°C
Operating Temperature		
Continuous	-55 to 150	°C
Intermittent	-55 to 250	°C
Thixotropic Index	2.41	
Weight Loss on Heating		
200°C	0.050	%
250°C	0.39	%
300°C	1.2	%

Thermal	Nominal Value	Unit
Glass Transition Temperature	48.0	°C
Thermal Conductivity	1.4	W/m/K

Thermoset	Nominal Value	Unit
Thermoset Components		
Part A	Mix Ratio by Weight: 100	
Part B	Mix Ratio by Weight: 8.5	
Shelf Life (23°C)	52	wk

Uncured Properties	Nominal Value	Unit
Color		
-- 1	Clear/Transparent	

-- 2	Grey	
Density		
Part B	0.988	g/cm³
Part A	2.39	g/cm³
Viscosity ³ (23°C)	19	Pa·s
Curing Time (23°C)	48 to 72	hr
Pot Life	30	min
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	88	
NOTE		
1.	Part B	
2.	Part A	
3.	10 rpm	

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