

EPO-TEK® OG146-178

Epoxy; Epoxide

Epoxy Technology Inc.

Message:

A fast UV cure epoxy with low viscosity

Formerly 88-178

General Information		
Features	Fast Cure	
	Low Viscosity	
	UV Curable	
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	82.0	°C
Optical	Nominal Value	Unit
Refractive Index		
-- 1	1.509	
-- 2	1.535	
Transmittance (440 to 1680 nm)	> 98.0	%
Thermoset	Nominal Value	Unit
Shelf Life ³	26	wk
Additional Information	Nominal Value	Unit
Degradation Temperature	341	°C
Operating Temperature		
Continuous	-55 to 175	°C
Intermittent	-55 to 275	°C
Weight Loss on Heating		
200°C	0.38	%
250°C	0.82	%
300°C	2.9	%
Uncured Properties	Nominal Value	Unit
Color	Clear/Transparent	
Density	1.08	g/cm ³
Viscosity ⁴ (23°C)	0.16	Pa · s

Cured Properties	Nominal Value	Unit
Shore Hardness (Shore D)	82	
NOTE		
1.	589 nm (uncured)	
2.	589 nm (cured)	
3.	Refrigerated	
4.	100 rpm	

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