

EPO-TEK® UJ1190

Epoxy; Epoxide

Epoxy Technology Inc.

Message:

Clear, UV curable adhesive

Formerly 88-190A

General Information			
Features	UV Curable		
Uses	Adhesives		
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	100	°C	
CLTE - Flow			
-- ¹	6.8E-5	cm/cm/°C	
-- ²	1.5E-4	cm/cm/°C	
Optical	Nominal Value	Unit	Test Method
Refractive Index			
-- ³	1.499		
-- ⁴	1.509		ASTM D542
Transmittance			
520 to 1560 nm	> 94.0	%	
380 to 2440 nm	> 80.0	%	
Thermoset	Nominal Value	Unit	
Shelf Life (23°C)	52	wk	
Additional Information	Nominal Value	Unit	
Degradation Temperature	365	°C	
Operating Temperature			
Continuous	-55 to 150	°C	
Intermittent	-55 to 250	°C	
Weight Loss on Heating			
200°C	0.040	%	
250°C	0.11	%	
300°C	0.57	%	
Uncured Properties	Nominal Value	Unit	

Color	Yellow	
Density	1.17	g/cm ³
Viscosity ⁵ (23°C)	0.50	Pa·s
Cured Properties	Nominal Value	Unit
Shore Hardness (Shore A)	80	
NOTE		
1.	Below Tg	
2.	Above Tg	
3.	589 nm (uncured)	
4.	589 nm (cured)	
5.	100 rpm	

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