EPO-TEK® OG154-1

Epoxy; Epoxide

Epoxy Technology Inc.

Message:

Single component, UV curable epoxy for adhesive sealing and encapsulating applications found in semicondutor, electro-optics, fiber optics, medical and scientific/OEM industries. Replacement for EPO-TEK® OG154. Formerly 90-108-5

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Continuous-55 to 200°CIntermittent-55 to 300°C	Die Shear Strength - >10 kg (23°C)	23.4	MPa	
Intermittent -55 to 300 °C	Operating Temperature			
	Continuous	-55 to 200	°C	
Storage Modulus 1.83 GPa	Intermittent	-55 to 300	°C	
	Storage Modulus	1.83	GPa	

Weight Loss on Heating			
200°C	0.17	%	
250°C	0.66	%	
300°C	1.5	%	
Uncured Properties	Nominal Value	Unit	
Color	Clear/Transparent		
Density	1.10	g/cm ³	
Viscosity ⁷ (23°C)	26 to 34	Pa·s	
Cured Properties	Nominal Value	Unit	
Shore Hardness (Shore D)	80		
NOTE			
	Dynamic Cure 20-200°C/ISO 25		
1.	Min; Ramp -10-200°C @ 20°C/Min		
2.	Below Tg		
3.	Above Tg		
4.	589 nm (uncured)		
5.	589 nm (cured)		
6.	Refrigerated		
7.	5 rpm	5 rpm	

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