

Product Information Sheet

EPO-TEK® OG675

Date: December 2023
Rev: VII
No. of Components: Single
Mix Ratio by Weight: N/A
Specific Gravity: 1.11
Pot Life: N/A
Shelf Life- Bulk: One year at room temperature

Recommended Cure: 100mW/cm² @ 240-365 for > 2 seconds,
 depending on thickness - under an F-type Mercury lamp

NOTES:

- Container(s) should be kept closed when not in use.
- Filled systems should be stirred thoroughly before mixing and prior to use.
- Performance properties (rheology, conductivity, others) of the product may vary from those stated on the data sheet when bi-pak/syringe packaging or post-processing of any kind is performed. Epoxy's warranties shall not apply to any products that have been reprocessed or repackaged from Epoxy's delivered status/container into any other containers of any kind, including but not limited to syringes, bi-paks, cartridges, pouches, tubes, capsules, films or other packages.

Product Description: A UV fast curing, optically clear adhesive offering compliance and high strength.

Typical Properties: Cure condition: varies as required Different batches, conditions & applications yield differing results.

Data below is not guaranteed. To be used as a guide only, not as a specification. * denotes test on lot acceptance basis

PHYSICAL PROPERTIES:			
* Color (before cure):	Clear/colorless		
* Consistency:	Pourable liquid		
* Viscosity (23°C) @ 100 rpm:	2,000 - 5,000	cPs	
Thixotropic Index:	N/A		
* Glass Transition Temp:	≥ -5	°C (Dynamic Cure: 20-200°C/ISO 25 Min; Ramp -40-200°C @20°C/Min)	
Coefficient of Thermal Expansion (CTE):			
	Below Tg:	41	x 10 ⁻⁶ in/in°C
	Above Tg:	201	x 10 ⁻⁶ in/in°C
Shore A Hardness:	70		
Lap Shear @ 23°C:	N/A		
Degradation Temp:	365	°C	
Weight Loss:			
	@ 200°C:	0.33	%
	@ 250°C:	1.11	%
	@ 300°C:	2.53	%
Suggested Operating Temperature:	< 300	°C (Intermittent)	
OPTICAL PROPERTIES @ 23°C:			
Spectral Transmission:	≥ 98% @ 400-1660	nm	
Refractive Index:	1.479 @589	nm	

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This information is based on data and tests believed to be accurate. Epoxy Technology, Inc. makes no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with any use of this product.

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