



## Preliminary Product Information Sheet

### EPO-TEK® 375-T

*Note: These are typical properties to be used as a guide only, not a specification. Data below is not guaranteed. Different batches, conditions and applications yield differing results.*

**Date:** September 2017  
**Rev:** IV  
**No. of Components:** Two  
**Mix Ratio by Weight:** 10 : 1  
**Specific Gravity:** Part A: 1.12 Part B: 1.00  
**Pot Life:** 5 Hours  
**Shelf Life- Bulk:** 5 months at room temperature

**Recommended Cure: 150°C / 1 Hour**

Minimum Alternative Cure(s):  
*May not achieve performance properties listed below*  
150°C / 5 Minutes  
120°C / 20 Minutes  
100°C / 60 Minutes  
80°C / 90 Minutes

#### **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.
- Syringe packaging will impact initial viscosity and effective pot life, potentially beyond stated parameters.

**Product Description:** Higher viscosity version of EPO-TEK® 375. Designed for use in fiber optic applications.

#### **MATERIAL CHARACTERISTICS\*:**

<b>PHYSICAL PROPERTIES:</b>	<b>Cure condition: 150°C / 1 Hour</b>	
Color (before cure):	Part A: Tan	Part B: Amber
Consistency:	Smooth slightly thixotropic paste	
Viscosity (23°C) @ 20 rpm:	11,673	cPs
Thixotropic Index:	3.8	
Glass Transition Temp:	111	°C (Dynamic Cure: 20-200°C/ISO 25 Min; Ramp -10-200°C @20°C/Min)
Degradation Temp:	428	°C
Weight Loss:		
	@ 200°C:	0.48 %
	@ 250°C:	0.85 %
	@ 300°C:	1.67 %
Suggested Operating Temperature:	< 300	°C (Intermittent)
Particle Size:	≤ 20	microns

**The data above is INITIAL only - it may be changed at any time, for any reason without notice to anyone. It is provided only as a guide for evaluation/consideration.**

\* These material characteristics are typical properties that are based on a limited number of samples/batches. All properties are based on the cure indicated above. Some properties may vary as manufactured quantities are scaled up to commercialized production levels.