Preliminary Product Information Sheet

EPO-TEK® B9021-15 (*formerly 52-123-4*)

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: II
No. of Components: Single
Mix Ratio by Weight: N/A
Specific Gravity: 1.30
Pot Life: 28 Days
Shelf Life- Bulk: One year at -40°C

Recommended Cure: B-Stage Cure: 75°C / 30 minutes
Cure: 150°C / 1 hour

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 single component, thermally conductive, B-Stage epoxy paste

MATERIAL CHARACTERISTICS*:

PHYSICAL PROPERTIES:	**Cure condition:** B-Stage Cure: 75°C / 30 minutes - Cure: 150°C / 1 hour	
Color (before cure):	Cream	
Consistency:	Smooth thixotropic paste	
Viscosity (23°C) @ 5 rpm:	45,400	cPs
Thixotropic Index:	4.3	
Glass Transition Temp:	100	°C
Shore D Hardness:	65	
Die Shear @ 23°C:	6.7	Kg
Degradation Temp:	328	°C
Weight Loss:		
@ 200°C:	2.32	%
@ 250°C:	5.35	%
@ 300°C:	8.46	%
Suggested Operating Temperature:	< 275	°C (Intermittent)
Storage Modulus:	565,363	psi
Particle Size:	≤ 20	microns

ELECTRICAL AND THERMAL PROPERTIES:		
Thermal Conductivity:	1.3	W/mK

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.

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