



Preliminary Product Information Sheet

EPO-TEK® B1118-LH (formerly 118-32)

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: VIII
No. of Components: Single
Mix Ratio by Weight: N/A
Specific Gravity: 1.43
Pot Life: 28 Days
Shelf Life- Bulk: One year at -40°C

Recommended Cure: B-Stage Cure: 80°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.
- If product crystallizes in storage, place container in warm oven until crystallization disappears. Please refer to Tech Tip #7 on website.

Product Description: A single component, thermally conductive, low halogen, B-Stage epoxy paste.

MATERIAL CHARACTERISTICS*:

PHYSICAL PROPERTIES:	Cure condition: B-Stage Cure: 80°C / 30 minutes - Cure: 150°C / 1 hour	
Color (before cure):	Ivory	
Consistency:	Smooth slightly thixotropic paste	
Viscosity (23°C) @ 1 rpm:	70,835	cPs
Thixotropic Index:	1.2	
Glass Transition Temp:	114	°C (Dynamic Cure: 20-200°C/ISO 25 Min; Ramp -10-200°C @20°C/Min)
Shore D Hardness:	78	
Die Shear @ 23°C:	27	Kg
Degradation Temp:	347	°C
Weight Loss:		
	@ 200°C:	0.86 %
	@ 250°C:	1.67 %
	@ 300°C:	3.07 %
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.