



Preliminary Product Information Sheet

EPO-TEK® OJ2116 (formerly 88-116)

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: III
No. of Components: Two
Mix Ratio by Weight: 2 : 1
Specific Gravity: Part A: 1.16 Part B: 1.05
Pot Life: < 5 Minutes
Shelf Life- Bulk: One year at room temperature

Recommended Cure: 23°C / 30 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.
- **TOTAL MASS SHOULD NOT EXCEED 5 GRAMS**

Product Description: Two component, general purpose, very fast setting epoxy adhesive.

MATERIAL CHARACTERISTICS*:

PHYSICAL PROPERTIES:	Cure condition: varies as required	
Color (before cure):	Part A: Clear/Colorless	Part B: Clear/Yellow tint
Consistency:	Pourable liquid	
Viscosity (23°C) @ 0 rpm:	N/A	cPs
Thixotropic Index:	N/A	
Glass Transition Temp:	56	°C (Dynamic Cure: 20-200°C/ISO 25 Min; Ramp -10-200°C @20°C/Min)
Shore D Hardness:	80	
Die Shear @ 23°C:	17	Kg
Degradation Temp:	347	°C
Weight Loss:		
	@ 200°C:	5.11 %
	@ 250°C:	11.11 %
	@ 300°C:	17.44 %
Suggested Operating Temperature:	< 275	°C (Intermittent)

OPTICAL PROPERTIES @ 23°C:		
Spectral Transmission:	> 97% @ 460-1620	nm
Refractive Index:	1.5459 @ 589	nm

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.