



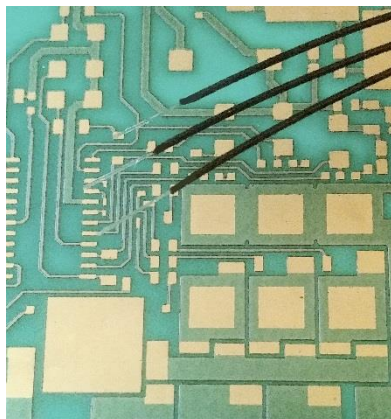
News Release

December 2018

EB-177 – Very high temperature, Optoelectronic adhesive

e^{poxy}*S*^{et} offers the EB-177, a low viscosity epoxy used in optoelectronic applications especially where high temperatures must be endured. The EB-177 is rated for continuous use at 250°C and intermittently to 300°C. This clear epoxy system offers excellent optical transmission of over 95% at 1500nm with a refractive index of 1.52.

Approved to USP Class VI for biocompatibility, it is used in medical device applications where high strength at elevated temperatures is required. It exhibits low cure shrinkage to maintain precise optical alignments and minimizing stress on delicate parts.



This highly formulated polymer produces outstanding dielectric and electrically insulative

properties allowing for use in small electronic pottings. It is also ideal for underfill, die attach and flip chip applications. Chemical resistance as well as the ability to withstand autoclaving, ETO and gamma radiation make this versatile product useful in many different industries.

EB-177 was designed to be easy to use. It has a 1:1 mix ratio with a 12 hour work time reducing waste and increasing efficiencies in production environments.

e^{poxy}*S*^{et} is an innovative custom formulator of Epoxies, Urethanes, Silicones and Greases for the electronic, medical, semi-conductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our extensive product line for any requirement.

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