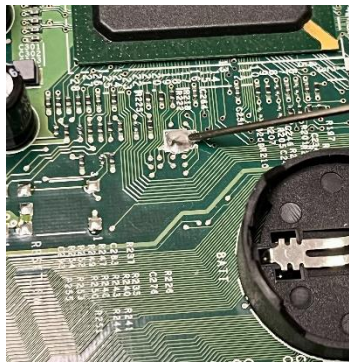




News Release

November, 2021

EO-32HTK – Ultra High Thermally and Electrically Conductive Epoxy



e^{poxy}*S*^{et} introduces EPOXIOHM™ EO-32HTK, silver filled epoxy with exceptionally high thermal conductivity. This unique system offers extreme thermal management capabilities in high power and high brightness LEDs. Designed for use in micro-electronics, it is excellent for heat dissipation in chip bonding and optoelectronic applications.

Once cured, this system is resistant to thermal cycling from -55 to 300°C with high impact resistance. It can easily be applied with silk screening, transfer printing or automated dispensing equipment.

EO-32HTK can be cured as low as 80°C in 2-3 hours. With cures of 150°C in 15 minutes, it achieves a thermal conductivity of 12.4 W/m°K. It is a very low electrical resistance adhesive with a volume resistivity of 10⁻⁴ Ohm-cm. Low ionic impurities make it the best choice for any sensitive electronic application.

e^{poxy}*S*^{et} is an innovative custom formulator of Epoxies, Urethanes, Silicones and Thermal Greases for the electronic, medical, semiconductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our extensive product line for any requirement. Please contact our technical support staff at 401-726-4500