



News Release

April 2018

e^{poxy}*S*^{et} offers EC-1190, a low viscosity, syntactic foam epoxy potting compound with a specific gravity of 0.74, making it lighter than water. This low density formula also offers excellent electrical insulating properties. It has a low dielectric strength of 380 V/mil with a dissipation factor of 0.03 @ 1 Mhz, Dielectric Constant of 2.3 (@ 1 Mhz) and a volume resistivity of 10^{13} ohms-cm. The low viscosity and 90 minute work time allow for ease of potting even the most intricate electronic pottings.

EC-1190 is an excellent choice for any application trying to keep the weight per unit to a minimum. Aerospace, medical and deep sea are some examples of the industries that can use EC-1190. This rigid system also has excellent chemical resistance and can be used in



temperature cycling applications from -40°C to 150°C. As a syntactic foam, it is an excellent thermal insulator.

Higher viscosity, flexible and higher temperature versions of EC-1190 are

available as well. Please contact our technical support staff at 401-726-4500 or info@epoxyset.com to select the best possible product.

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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