



News Release

November 2020

EPOXIBOND™ EB-153 – FiberOptic, Electronic Adhesive



epoxySet introduces the EPOXIBOND™ EB-153, high temperature epoxy. Originally developed for fiber optic cable assembly, this heat cure epoxy is a choice product for electronic bonding applications as well as for sealing and coating requirements.

This two-part system can be cured as quickly as one minute @ 150°C. It has a low-medium viscosity with a 5-6 hour work time at room temperature. The high technology formulation includes a cure indicator that changes color from clear yellow (uncured) to dark red (cured).

Once cured, this epoxy produces a Glass Transition temperature of 115°C and can be used up to 250°C continuously. It passes continuous exposure to 85/85 testing as well as temperature cycling from -40 to 125°C. The EB-153 produces a high dielectric strength with a low dissipation factor of .006 @ 1KhZ. The volume resistivity of 10^{15} ohm-cm makes it an excellent electrical insulator. It also provides exceptional chemical and environmental resistance.

epoxySet is an innovative custom formulator of Epoxies, Urethanes, Silicones, Thermal Greases and UV cures for the electronic, medical, semi-conductor, optics, automotive and aerospace industries. Our extensive experience allows us to quickly modify our wide-ranging product line for any requirement. Please contact our technical support staff at 401-726-4500

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