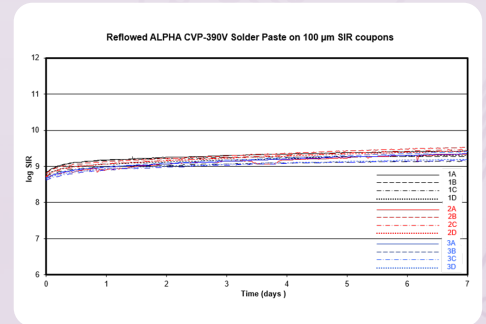
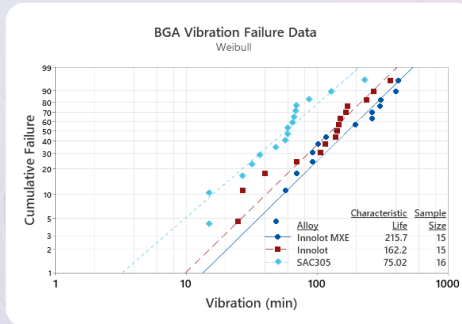
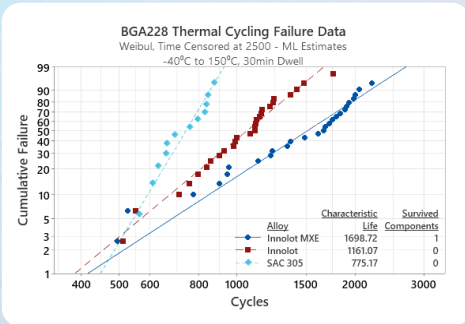


ALPHA[®] CVP-390V Innolot[®] MXE

Next Generation High Reliability, No Clean Solder Paste

ALPHA CVP-390V Innolot MXE is a lead-free, zero-halogen, no clean solder paste rigorously engineered to deliver next-generation thermomechanical performance for the rapidly growing reliability standards in contemporary electronic assemblies. Innolot MXE alloy has proven to provide significant improvement in thermal cycling, vibration and drop shock performance compared to existing high reliability alloys offerings.



KEY ATTRIBUTES

- **Superior Thermomechanical Performance:** Up to 50% increase in characteristic life as compared to existing high reliability alloy offerings.
- **High Creep-Fatigue Toughness:** Advanced microstructures provide high creep-fatigue resistance, ideal for high reliability applications.
- **Vibration Performance:** Improved vibration performance, able to withstand harsh environment operations.
- **Process Extensibility:** ALPHA Innolot MXE is available in Type 4 and Type 5 powder to meet the miniaturization requirements of high reliability electronics assemblies.
- **Excellent Electromigration Characteristics:** Passes IPC SIR requirements on standard and modified B-24 test coupons to ensure electrical reliability & functionality for fine-pitched components.
- **Wide Reflow Profile Window:** Enables high quality solderability of complex, high density PCB assemblies using soak profile, as high as 150°C to 200°C soak.
- **Zero-Halogen, No Halogens Intentionally Added:** ROHS and REACH compliant for a safe and environmentally friendly assembly process.

