

49N

MULTIFUNCTIONAL EPOXY LOW-FLOW PREPREG



49N is a low-flow epoxy prepreg engineered for bonding multilayer epoxy rigid-flex or attaching heat-sinks to multilayer epoxy PCBs. With a high Tg, the prepreg can be used in high-performance or high-temperature applications compared to a standard difunctional epoxy low-flow.

Features:

- Multifunctional epoxy resin system with a Tg of 170°C offers improved high-temperature and PTH reliability
- Engineered with discrete low ranges and various fiberglass styles to optimize flexibility
- Electrical and mechanical properties meeting the requirements of IPC-4101/24, modified to be “Low-Flow”
- RoHS/WEEE compliant
- Short cure (45 minutes @ 360°C) for improved manufacturing productivity

Typical Applications:

- Bonding multilayer epoxy rigid-flex
- Bonding adhesiveless epoxy rigid-flex
- Attaching heat sinks to multilayer PCBs
- Dielectric insulators

