耐熱性の向上

Improving heat resistance

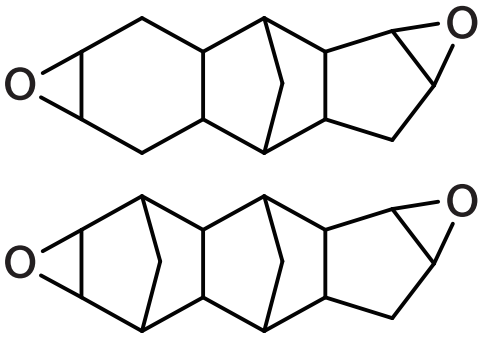
剛直な脂環式骨格により、硬化物の耐熱性が向上します

Rigid Alicyclic structure improves the heat resistance of the cured resin.

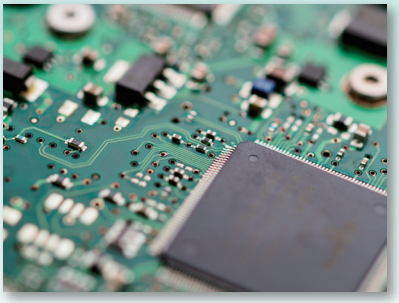
期待される効果　Effects

◎ガラス転移温度の上昇
Tg Increasing

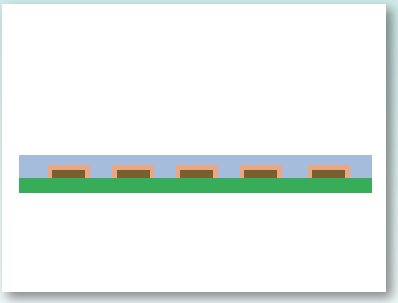
◎熱変形温度の向上
Improving Heat distortion tempareture



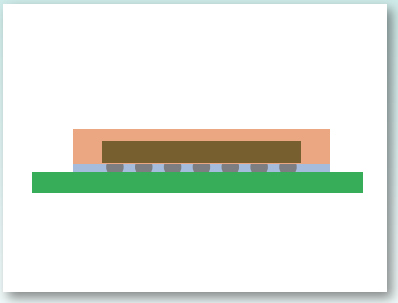
想定用途　Applications



プリント基板・電子材料
Circuit board, Electonic materials

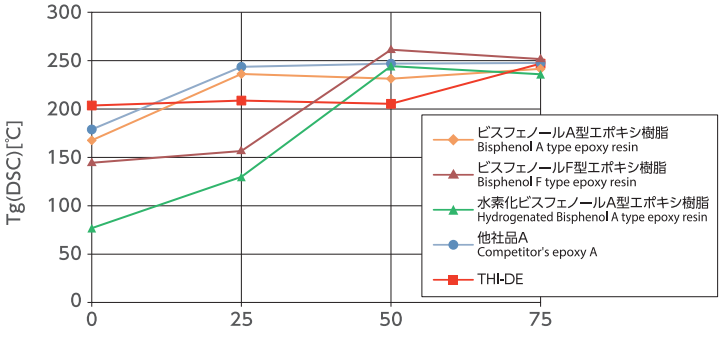


塗布膜
Coatings



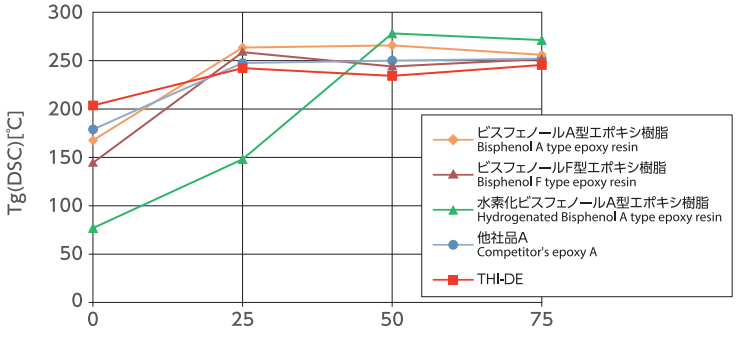
接着剤
Adhesuves

EPOCHALIC™ DE-102, DE-103添加によるTg向上　Tg improvement with EPOCHALIC™ DE-102, DE-103



エポキシ中の脂環式エポキシ化合物DE-102の割合[wt%]
Weight content of alicyclic epoxy DE-102 in epoxy material

硬化条件：カチオン重合開始剤 SI-150L(三新化学工業様製)、Post cure 220～230℃
Cure condition: Thermal acid generator SI-150L (Sanshin Chemistry Industry Co, Ltd.), Post cure 220～230℃



エポキシ中の脂環式エポキシ化合物DE-103の割合[wt%]
Weight content of alicyclic epoxy DE-103 in epoxy material

硬化条件：カチオン重合開始剤 SI-150L(三新化学工業様製)、Post cure 220～230℃
Cure condition: Thermal acid generator SI-150L (Sanshin Chemistry Industry Co, Ltd.), Post cure 220～230℃

ENEOS株式会社