

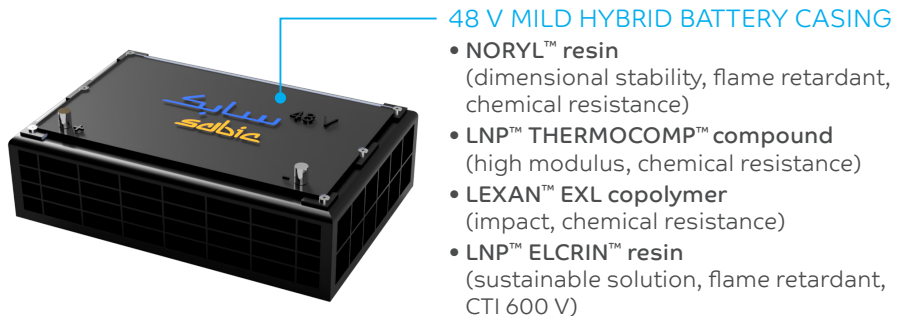
SOLUTIONS FOR ELECTRIC VEHICLE MODULE AND BATTERY PACK CASINGS

Designing electric vehicle (EV) module and pack enclosures using advanced thermoplastics can bring valuable weight reduction, fire safety and ease of manufacturing versus traditionally used metal.

SABIC's Specialties business can offer a number of mechanically resilient, flame retardant materials from our broad product portfolio for use as covers and enclosures for EV battery modules and packs. Where ultimate strength and stiffness is required, SABIC's leading UDMAX™ PLUS thermoplastic composite tapes can be integrated. Our design and predictive engineering capabilities are on hand to support each step of your application development. Contact one of our experts to learn more.

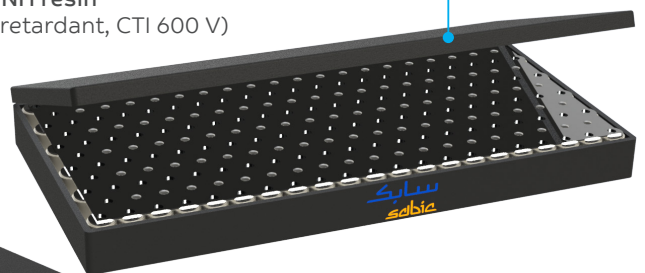
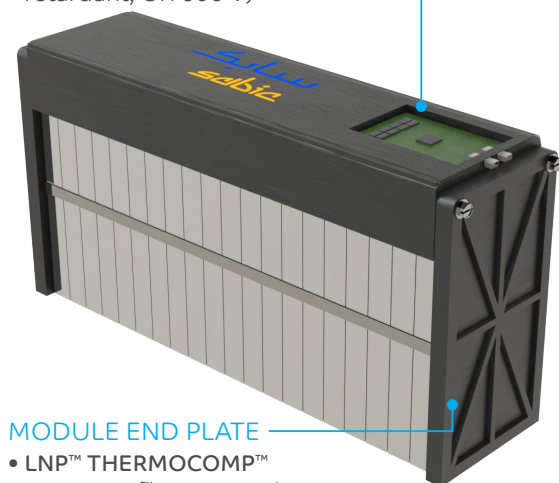
MODULE COVER/ INTERCONNECT BOARD

- **NORYL™ resin**
(dimensional stability, flame retardant, chemical resistance)
- **LNP™ CX PC/ABS resin**
(thin wall processability, flame retardant)
- **LNP™ ELCRIN™ resin**
(sustainable solution, flame retardant, CTI 600 V)



MODULE ENCLOSURE

- **NORYL™ resin**
(dimensional stability, flame retardant, chemical resistance)
- **LNP™ CX PC/ABS resin**
(UV transparency, thin wall processability, flame retardant)
- **LNP™ ENH resin**
(flame retardant, CTI 600 V)



MODULE END PLATE

- **LNP™ THERMOCOMP™ & VERTON™ compounds**
(high stiffness, flame retardant)

LOWER HOUSING

- **UDMAX™ PLUS tape**
reinforced thermoplastic (flame retardant, strength, stiffness, impact resistance)

