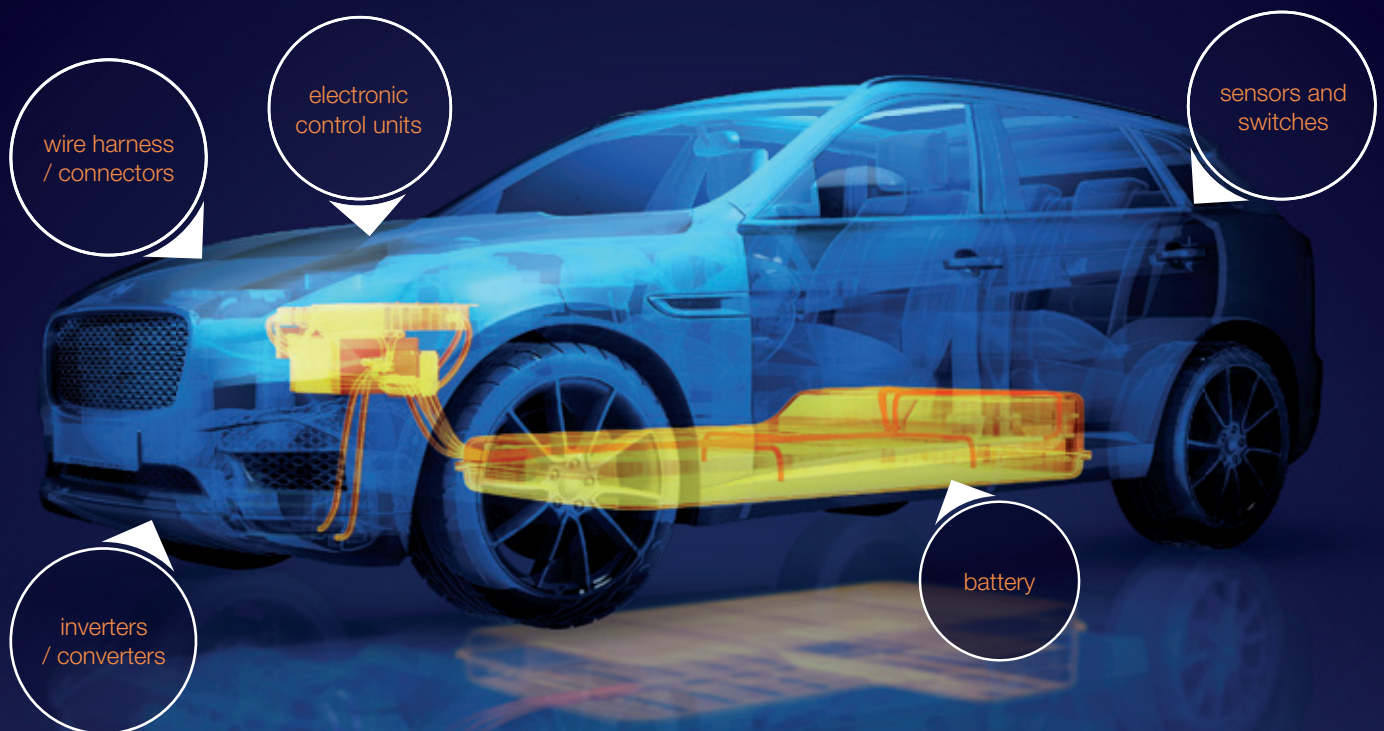


Araldite®

Encapsulants for battery and power electronics



Araldite® encapsulants protect sensitive devices, improve thermal management and meet new temperature resistance requirements

Araldite® encapsulants increase performance of various electronic parts in the electrified powertrain

Key features

- > High flexibility and crack resistance
- > High thermal conductivity
- > Excellent thermal endurance
- > High voltage resistance
- > Excellent chemical resistance
- > Long-lasting and reliable sealing

Araldite®

Encapsulants for battery and power electronics

Encapsulant for battery Araldite® CW 1312 / Aradur® HY 1300	Encapsulant for power electronics Araldite® CW 1302 / Aradur® HY 1300
Glass transition temperature (Tg) 21°C	Glass transition temperature (Tg) 75°C
Thermal conductivity 1.1 W/(m·K)	Thermal conductivity 0.9 W/(m·K)
Increased heat conductivity. Flammability certification UL 94 V-0 (3.2 mm). Low curing temperature and Tg enabling low thermally induced stress	Good heat conductivity and thermal endurance (Class H). Flammability certification UL 94 V-0 (3.0 mm) and HB (1.5 mm).
Encapsulant for power electronics Araldite® CW 1195 / Aradur® HW 1196	Encapsulants for power electronics Araldite® CW 30386 / Aradur® HW 30387
Glass transition temperature (Tg) 140°C	Glass transition temperature (Tg) 200°C
Thermal conductivity 0.7 W/(m·K)	Thermal conductivity 0.7 W/(m·K)
Fast fill and cure times enabling fast processing. Low coefficient of thermal expansion (28·10 ⁻⁶ 1/K). Flammability certification UL 94 V-0 (6.0 mm) and thermal endurance (Class H).	High Tg and lowest thermal expansion within the complete operation range. Very high thermal and chemical endurance. Fast gel and cure times.

Learn more on www.huntsman-emobility.com

For any other information, please send an e-mail to advanced_materials@huntsman.com

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