



Building an autonomous and electric future.

Materials for the electric platform.



How we support electrification.

Various advantages for various components.

Battery packaging

Bayblend® FR, Makrolon®

Dimensionally stable and flame retardant

- ➔ Module housings, covers, cell carriers.



Power electronics

Makrolon®, Apec®, Bayblend® FR, Makroblend®

Low warpage, precision molding FR grades available high temperature stability without GF

- ➔ Housings, brackets, heat sinks.



Sensors

Makrolon® AX ST

Excellent NIR transparency

- ➔ LiDAR covers.

Bayblend®, Makroblend®

Excellent and homogeneous dielectric properties (DK & Df)

- ➔ RADAR housings.



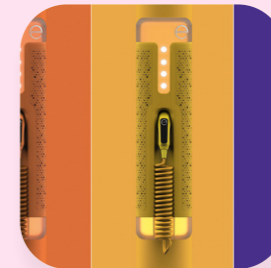
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V2X connectivity

Makrolon®, Bayblend®, Makroblend®

Excellent signal transmission due to amorphous structure

- ➔ 5G antenna integration.



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Charging units

Makrolon®, Bayblend® FR

Excellent low temperature ductility, design freedom, high durability

- ➔ Displays, charging status indicators, housings.

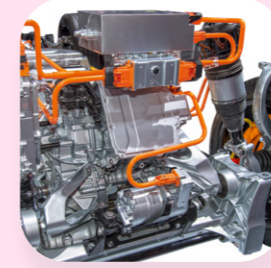


Crash structures

Makroblend®

Excellent low temperature ductility for energy absorbing components

- ➔ Protection of batteries, power electronics and other components.



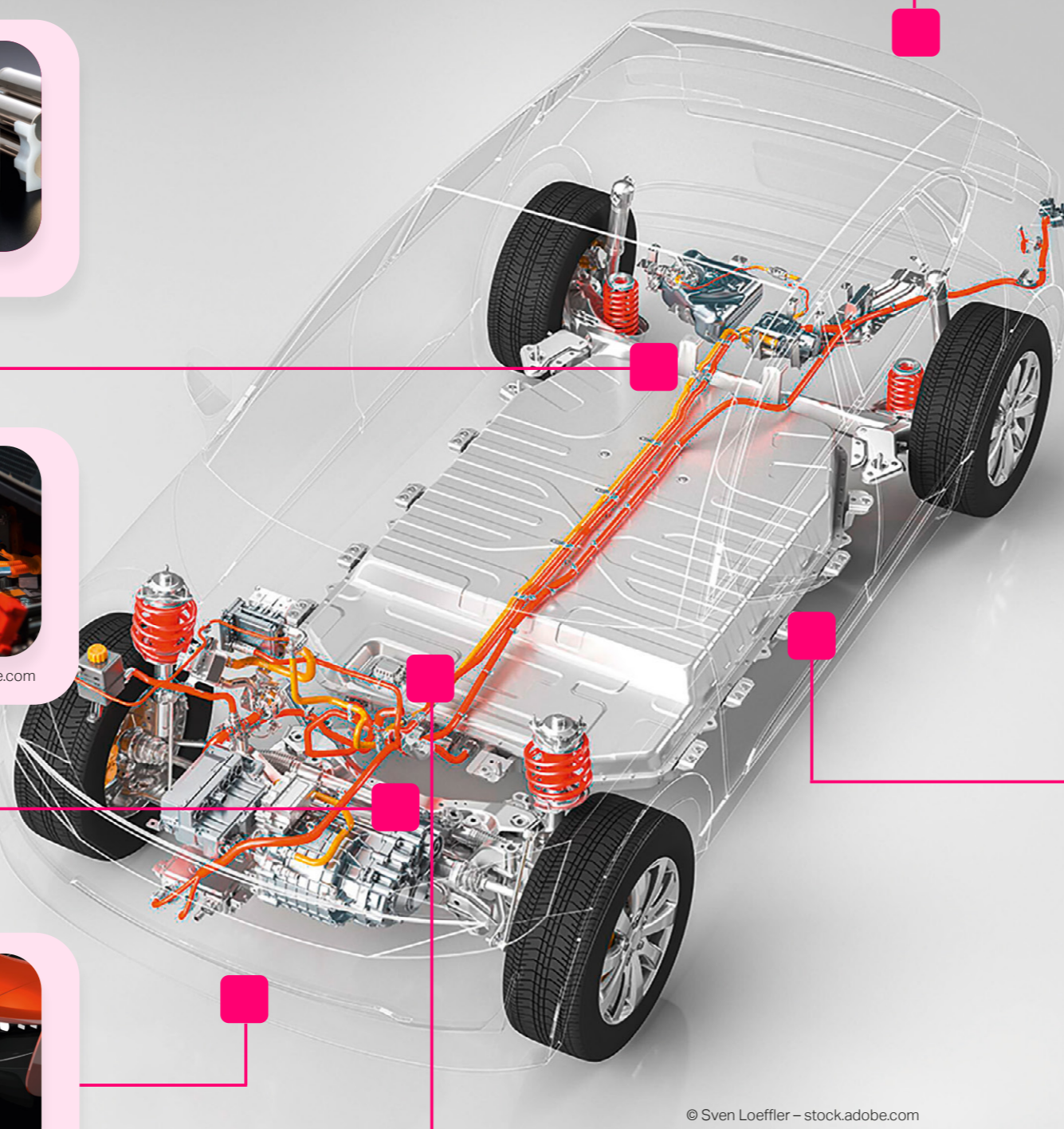
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VCUs

Bayblend® FR, Makrolon®

Dimensionally stable, heat resistant and ductile

- ➔ Electronic housings, covers, plugs and sockets.



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*The shown design is only intended to show ideas. Third parties may e.g. have rights to designs or technical property rights such as patents that must be considered. Appropriate FTO considerations would therefore have to be carried out before the implementation of corresponding concepts.

TAKING THE AUTONOMOUS, ELECTRIC AND EFFICIENT GAME TO THE NEXT LEVEL.



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