

DU

PONT

®

BATTERY PACK

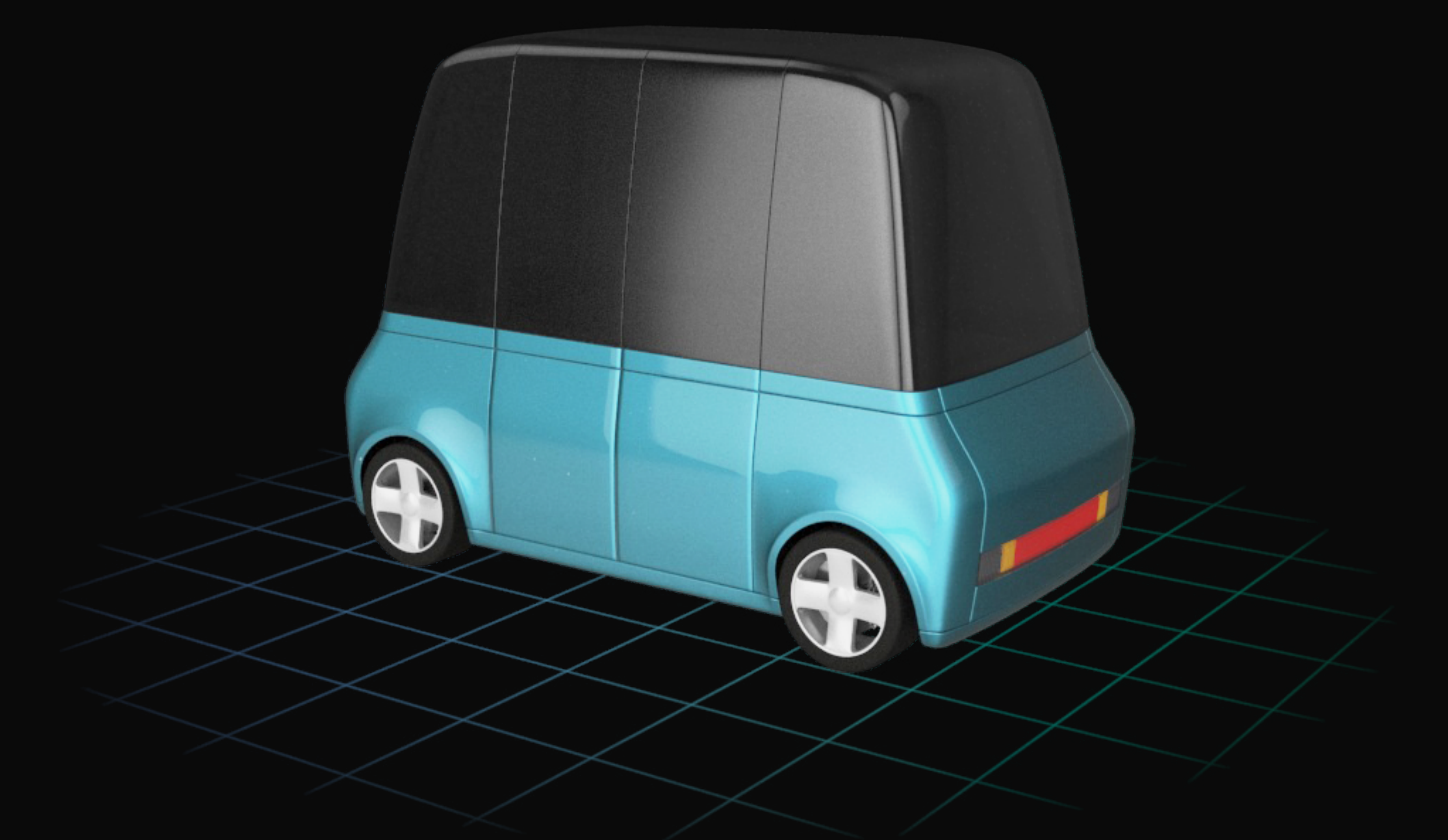
- LIGHTWEIGHTING
- SAFETY/THERMAL MANAGEMENT
- NVH
- DURABILITY
- CONNECTIVITY, SENSING AND CONTROL

CHALLENGE:

Batteries must perform under all possible scenarios as they are the heart of Hybrid Electric (HEVs, PHEVs), Battery Electric (BEVs) and Fuel Cell (FCV). Interconnects, sensors and electro-mechanical actuators must be dependable, accurate and upgradable.

SOLUTIONS:

Electrically-friendly, flame-retardant and halogen-free materials for connectors, distribution boxes, wires & cables and electronic controllers. Also, low-emission, creep-resistant homopolymer gears and locking systems.



- PRODUCTS:
- BETA

FORCE
- TM
- thermal conductive adhesive
- BETA

SEAL
- TM
- thermal conductive gap filler
- BETA

MATE
- TM
- structural adhesives
- CRASTIN® HR/ FR series
- KAPTON® (uniform heating, high temperature resistance, electrical insulation – film)
- KEVLAR® XF (fire resistance/containment, cell-to-cell thermal management)
- NOMEX® XF (fire resistance/containment, cell-to-cell thermal management, arc protection)
- TEMPRION® (Thermally conductive films and gap filler)
- VIZILON® (EMI shielding)
- ZYTEL® (Thermal and electrical conductivity)
- ZYTEL® LCPA (hydrolysis, glycol and chemical resistance)
- ZYTEL® EF/ FR/NH series
- ZYTEL® HTN EF series