

## Kautex: a pioneer in lightweight battery housing solutions



## Profile:

Kautex globally is one of the 100 largest automotive suppliers in the world in terms of sales volume. Kautex is located in 13 countries with over 30 facilities. As a Tier One automotive supplier, Kautex designs, develops and manufactures traditional and hybrid fuel systems, advanced cleaning solutions for assisted and autonomous driving, engine camshafts and plastic industrial packaging solutions. A pioneer in the design and manufacture of automotive plastic fuel systems, Kautex is expanding its portfolio to offer smart products and data-driven services to our customers, including thermoplastic composite and composite-metal hybrid battery systems and software-controlled ADAS cleaning solutions.

## USP

Pentatonic plastic-composite battery systems offers a customizable, lightweight battery housing solution in either thermoplastic composite or composite metal hybrid. Our system can be utilized in electric vehicles, from full hybrid to full battery. Produced in a "One shot" process using reinforced materials and integrates structural elements directly into our injection or compression molding process.

Significantly reduced CO2 footprint of the battery system.

Reduced bill of material by direct integration of components and features in our one-shot process.

Inherent corrosion prevention.

No internal welds due to the one-shot process needed, therefore inherent leak tightness of tray and top cover.

Nonconductive.

Improved insulation in comparison to metal housings.

## Target:

EV Manufacturers.

Battery Manufacturers.

