

BASF Battery Materials

BASF is a leading cathode active material (CAM) supplier to battery producers for electrified vehicles around the world. Research and development activities combined with acquisitions have delivered a unique technology portfolio for lithium-ion batteries.

Products

In today's electrified vehicles, predominantly lithium-ion batteries are used. Cathode active materials are one of the most important components that determine efficiency, reliability, costs, durability and the size of the lithium-ion battery. Their properties enable speed, acceleration and power – from compact cars and SUVs to buses and trucks.

BASF's HED™ product family includes a series of high energy density cathode active materials for lithium-ion batteries. Due to a very high degree of purity, the HED™ series have excellent product characteristics. With our proven ability to develop solutions jointly with customers, we can help them meet the evolving requirements of batteries in automotive drivetrains.

- HED™ Nickel Cobalt Aluminum (NCA)
- HED™ Nickel Cobalt Manganese Oxide (NCM)

BASF also has a worldwide license to produce and market lithium-ion battery materials from Argonne National laboratories (ANL) – the global leader in Nickel Cobalt Manganese (NCM) technology.

Global Presence

BASF Battery Materials is headquartered in Shanghai, China. It operates production plants and pilot plants, and has built up a strong R&D network with expert scientists located close to customers in all major regions:

Asia:

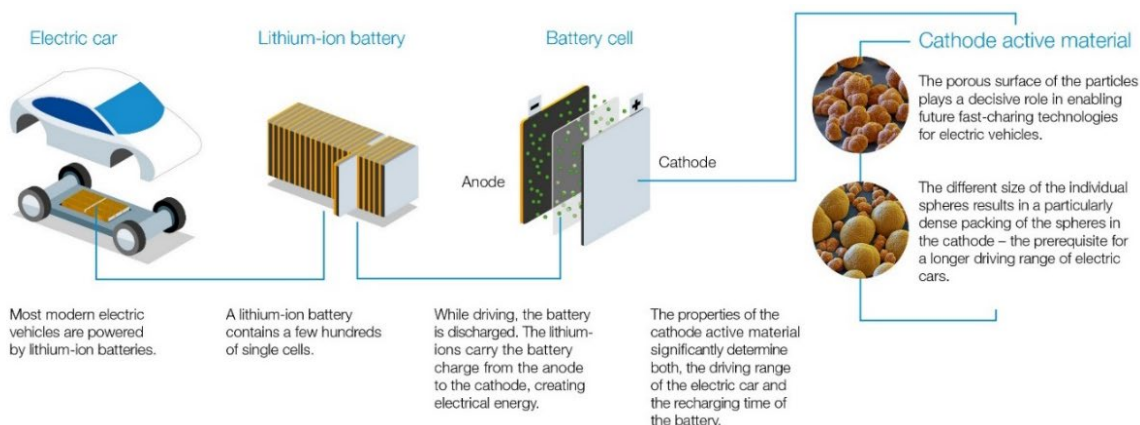
- Onoda, Japan (production and R&D)
- Kitakyushu, Japan (production)
- Amagasaki, Japan (R&D)
- Shanghai, China (R&D)

Europe:

- Ludwigshafen, Germany (pilot plant and R&D)

North America:

- Battle Creek, Michigan/USA (production)
- Elyria, Ohio/USA (production)
- Beachwood, Ohio/USA (R&D)



About Us

BASF's Catalysts division is the world's leading supplier of environmental and process catalysts. The group offers exceptional expertise in the development of technologies that protect the air we breathe, produce the fuels that power our world and ensure efficient production of a wide variety of chemicals, plastics and other products, including advanced battery materials. By leveraging our industry-leading R&D platforms, passion for innovation and deep knowledge of precious and base metals, BASF's Catalysts division develops unique, proprietary solutions that drive customer success.

BASF - We create chemistry

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