

Automotive: EV Battery Thermal Management Systems



From thermoplastic resins and compounds to thermoset composite solutions, the diverse polymer portfolio from LyondellBasell is uniquely positioned to address your challenges in EV battery thermal management systems.

Features

- One stop shop
- Amorphous, semicrystalline and thermoset materials in a wide variety
- Products are mostly in colors available (includes signal colors)
- From very flexible to highest rigidity
- Injection molding, BMC and extrusion grades
- Antistatic performance

Key product offerings

Hostacom

Various Polypropylene compounds with good creep performance are available including extrusion and injection molding

- **Schulamid** and **Schulamid FR** All options with our various polyamide compounds (PA6, PA66, PA612 and specialties e.g. aromatic PA)
- **Polyflam FR** Good flame retardant performance Polypropylene compounds with low smoke density and toxicity
- **Schulaketon** and **Schulaketon FR** Good electrical properties for high voltage applications
- Schulatec

High-performance compounds including polyphenylene sulfide for both extrusion and injection applications

Reasons to Partner with Us.

Key Advantages

- LYB is a leading company in engineering plastic business, providing our customers with a wide range of differentiated and value-added solutions.
- Advantages of global footprint and know-how: helping China OEMs and manufacturers of customer goods to grow globally.
- Expertise in regulations/risk management/safety in the global auto market for sustainability products.
- Innovation-oriented market approach.

About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit <u>www.lyb.com</u> or follow <u>@LyondellBasell</u> on LinkedIn.

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