

Automotive: EV battery 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 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**
High flow PP compounds with highest surface appearance including scratch and mar resistance
- **Ronfalin ABS and ABS FR**
Colored ABS compounds, developed to meet interior needs in various OEM colors
- **Schulablend M/MK (PA/ABS)**
The workhorse amongst matte compounds
- **Schulablend M/MW (PA/ASA)**
UV stable compound with matte surface
- **Schuladur**
Customized solutions made of PBT and PBT blends
- **Schulamid and Schulamid FR**
All options with our various polyamide compounds (PA6, PA66, PA612 and specialties e.g. aromatic PA)
- **CirculenRecover**
Wide range of mechanically recycled engineered compounds
- **Schulaketon FR**
Good electrical properties for high voltage applications

Reasons to partner with us.

Key advantages

- **Customization:** Customized product formulations and flexible manufacturing
- **Expert technical support:** Such as material choice, injection molding simulation, guidance on mold and part design as well as practical support on site of processing
- **Technology focus:** Innovative technology and collaborative application development
- **Quality:** Analytical and quality control analysis for product consistency and reliability
- **Mechanical recycled grade** are even for flame retardant products available

No matter how you define success, LyondellBasell has the material expertise, processing know-how, market knowledge and application experience to help you achieve the success you strive for.

We not only offer a rich, diverse portfolio of standard products but also collaborate closely with our customers to understand their unique challenges and create a solution optimizing their processes.

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 www.lyb.com or follow [@LyondellBasell](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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