

Asahi Kasei Europe GmbH
January 15, 2019

AABC Europe 2019 in Strasbourg – Solutions by Asahi Kasei for the Battery of the Future

Düsseldorf, January 15, 2019 – From January 27-31, Asahi Kasei and its US-based subsidiary Celgard will present a broad range of materials for the current and future automotive battery at the Advanced Automotive Battery Conference Europe (AABC) in Strasbourg.

The AABC Europe is a leading conference for the automotive battery industry, showcasing the latest developments in battery technology and giving a comprehensive outlook on future market trends. In 2018, 1,000 experts from automotive OEMs, material suppliers and research institutes participated in the conference.

Asahi Kasei's newly developed lithium-ion battery mock-up will be one highlight at the AABC Europe booth. Featuring high-performance thermoplastics and separators, the mock-up presents the wide application range for safe and compact structural parts of the battery.

Since Dr. Akira Yoshino, research associate at Asahi Kasei, developed the very first functional and safe prototype of a lithium-ion battery in the early 1980s, the company has been a pioneer in the field of lithium-ion battery research. As world market leader in lithium-ion battery separators, the Asahi Kasei Group is today considered as a substantial material supplier for the battery industry.

Thermoplastics for structural components of battery housings are also part of the portfolio: The modified polyphenylene ether (mPPE) XYRON™ with its low density and resistance to electrolyte fluids is a suitable material for light and compact battery housings. The mPPE particle foam SunForce™ features a high fire protection class (UL94 V-0), high formability and high thermal insulation properties. The material thus contributes to a compact design of battery housings as well as an increased safety and efficiency of batteries.

Asahi Kasei's US-based subsidiary Celgard is a global leader in the development and production of high-performance membrane separator technology and can look back on more than 40 years of market-leading research, development, and manufacturing expertise. The separators are used in a broad range of energy storage applications including rechargeable lithium-ion batteries, disposable lithium batteries and specialty energy storage.

Asahi Kasei and Celgard will exhibit at booth 606.

About Celgard

Celgard is a wholly-owned subsidiary of Polypore International, LP. Polypore International, LP, an Asahi Kasei Group company, specializes in highly-engineered microporous membranes used in electric drive vehicles, energy storage systems and emergency backup power systems, portable

consumer electronic devices, cars, trucks, buses, and forklifts. A global high-technology company based in Charlotte, North Carolina, Polypore is highly regarded in the market with manufacturing facilities or sales offices in nine countries serving six continents.

For more information, visit

www.celgard.com.

About Asahi Kasei

Asahi Kasei Corporation is a globally active diversified technology company with operations in the Material, Homes, and Health Care business. The Material division encompasses fibers & textiles, petrochemicals, performance polymers, performance materials, consumables, battery separators, and electronic devices. The Homes division provides housing and construction materials to the Japanese market. The Health Care division includes pharmaceuticals, medical devices, and acute critical care devices and systems. With approximately 34,000 employees around the world, the Asahi Kasei Group serves customers in more than 100 countries.

Asahi Kasei is “Creating for Tomorrow” with all operations sharing a common mission of contributing to life and living for people around the world. For more information, visit

www.asahi-kasei.co.jp/asahi/en/ and <https://www.asahi-kasei.eu/>.