

Asahi Kasei Europe GmbH
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Smart Tires for the Future: Asahi Kasei at Tire Technology EXPO 2019 in Hanover

Düsseldorf, February 25, 2019 – From March 5 to 7, Asahi Kasei will present its technologies for the next-generation tire at the international tire exhibition "Tire Technology EXPO" in Hanover, Germany. Next to synthetic rubber of the fifth generation and fiber technologies, sensor solutions for intelligent tires will be in the focus of this year's booth.

With the solution-polymerized styrene-butadiene rubber (S-SBR) of the fifth generation – a double-sided functionalized rubber – the company offers tire manufacturers a balanced solution to the performance characteristics of rolling resistance, wet grip and wear resistance.

Another highlight are the Japanese technology group's sensor solutions for the smart tires of tomorrow: With a tread wear and a deformation sensor, Asahi Kasei introduces two technical components that can be used to determine the tread wear level as well as irregularities in the surface of the tire. If irregularities are detected, the sensors emit a warning and thus contribute to increased safety and efficiency.

Visitors can convince themselves of the accuracy of the two sensors at **booth C 420**.

In addition, Asahi Kasei will be presenting "LEONA PA66 Filament" and "Precisé", two fiber technologies increasing the strength and robustness of the tires while at the same time reducing the tire rolling noise.

Chigusa Yamada, Manager in the "Synthetic Rubber" department at Asahi Kasei Europe, will give a lecture on "Influence of functionalized S-SBRs on silica-filled rubber compound properties" at the accompanying conference on March 6 (12.15 p.m.).

The Tire Technology EXPO is the leading tire show in Europe and offers its visitors a comprehensive overview of new manufacturing technologies, materials and innovations in the international tire industry. In 2018, the trade fair set a new record with 290 exhibitors, 700 conference participants and more than 5,800 visitors.

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://automotive-asahi-kasei.eu/>.

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