

*ARLANXEO at the Tire Technology Expo 2018
February 20 to 22, Deutsche Messe Hanover*

ARLANXEO develops new rubber compound for self-sealing tires

- **New solution for modern, future-oriented mobility**
- **Self-sealing tires make spare wheels redundant**
- **Innovative solution from an independent non-tire manufacturer**

Maastricht / Dormagen – ARLANXEO, a leading global manufacturer of synthetic elastomers, has developed a rubber compound that can be used in the future to seal tires. This solution for so-called self-sealing tires replaces the spare wheel and also presents an alternative to a repair kit or run-flat tire. An appropriate rubber compound from ARLANXEO, which is applied on the interior of the vehicle tire, enables holes occurring in the tire to be automatically sealed, so the driver can continue driving.

“With our development, we are giving an important impulse for the mobility of tomorrow,” says Frank Lückgen, Global Marketing Director Tire in the Business Unit Tire & Specialty Rubbers (BU TSR) at ARLANXEO. “As a spare tire and the corresponding tools are no longer required, the weight of the vehicle and subsequently also its energy consumption are further reduced. In the case of electric vehicles, this can result in a longer range, for example,” explains Lückgen.

The compound developed by ARLANXEO is applied on the interior of the tire. If, for example, a nail or other sharp object causes a hole in a tire, the rubber compound can seal the defect automatically. The tire is sealed immediately, regardless of the location and environment, while the car is moving.

“To ensure that our compound can guarantee optimal sealing in any climate zone regardless of the speed a vehicle is traveling, we are currently carrying out further tests under extreme conditions following successful laboratory tests,” says Matthias Gotta, Head of Global Sales and Marketing in BU TSR. “Even in the case of strongly fluctuating external temperatures, the tires should be sealed in the same quality.”

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ARLANXEO conducts the corresponding tests with various partners under real-life conditions. Once the tests have been successfully completed, the compound will be launched on the market in the course of 2018.

The ARLANXEO Business Unit Tire & Specialty Rubbers (BU TSR) offers a wide range of versatile synthetic rubbers, primarily for applications in tire production. The rubbers are used in the inner liners (airtight layers in the tire), tread, and sidewalls of tires, as well as in other tire components. Apart from tires, other sample applications include chewing gum, sporting goods, and golf balls, as well as hoses and conveyor belts.

ARLANXEO at the Tire Technology Expo, stand number 4014, hall 20.

About ARLANXEO

ARLANXEO is a world-leading synthetic rubber company with sales of around EUR 2.7 billion in 2016, about 3,800 employees and a presence at 20 production sites in nine countries. The company's core business is the development, manufacturing and marketing of high-performance rubber for use in, for example, the automotive and tire industries, the construction industry, and the oil and gas industries. ARLANXEO was established in April 2016 as a joint venture of LANXESS and Saudi Aramco.

Forward-Looking Statements

This news release may contain forward-looking statements based on current assumptions and forecasts made by ARLANXEO management. Various known and unknown risks, uncertainties and other factors could lead to material differences between the actual future results, financial situation, development or performance of the company and the estimates given here. The company assumes no liability whatsoever to update these forward-looking statements or to conform them to future events or developments.

Information for editors

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