

ARLANXEO presents innovative solutions for adhesives at FEICA

- **ARLANXEO represented for the first time by both business units, HPE and TSR**
- **Focus on Baypren ALX, Levamelt and X_Butyl products**
- **Theme at this year's trade fair and conference: 'Driving Innovation'**

Maastricht / Dormagen – ARLANXEO is showcasing its product portfolio for adhesive applications and innovative solutions for the industry at this year's FEICA, the most important European trade fair and conference for the adhesives industry.

For the first time, ARLANXEO, the world's largest supplier of synthetic elastomers, is represented at FEICA by both its business units, High Performance Elastomers (BU HPE) and Tire & Specialty Rubbers (BU TSR).

ARLANXEO BU HPE is presenting its established products Baypren ALX and Levamelt. The chloroprene rubber Baypren ALX makes it possible to achieve excellent adhesion to various surfaces, thanks to its polarity and microstructure. In addition, adhesives can be manufactured very quickly with Baypren ALX. Moreover, ARLANXEO chloroprene rubber is extremely weather, UV and oil-resistant, as well as being elastic. A significant area of application for Baypren ALX-based adhesives is therefore shoe production, during which the soles are stuck to the upper, for example. Furthermore, however, these are also used in the production of mattresses and furniture as well as for fixing car interior trim and roofing membranes.

"The polymer chains in our Baypren ALX product are very uniform in structure, which means they can settle next to one another easily," explains Martin Schneider, from the Technical Marketing department at BU HPE. "This makes it possible to achieve a level of crystallization in the polymer chains that is extraordinarily strong for rubber, which is crucial for high levels of initial and final strength," adds Schneider.

September 13, 2017

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ARLANXEO is expanding its applications development capability for adhesive production and testing by continually improving its methods, among other means. Current innovations in this area include endurance tests, so-called tensile tests, as well as different procedures for the production of adhesives and for the determination of the processing time. With these new application technologies, ARLANXEO can now support its customers with technical challenges in an even better, more efficient manner.

The ARLANXEO product Levamelt will be used to formulate adhesives for adhesive tapes and films. The polar rubber makes it possible to manufacture plasticizer-free formulations and adhesive films, which can be removed without leaving any residue. The Levamelt portfolio offers a wide range of products of varying polarity, which enable the adhesive manufacturer to optimally adapt their formulation to the relevant product requirements. As well as adhesives, Levamelt is used as a modifier in hot melts and methyl methacrylate-based adhesives.

ARLANXEO is presenting its solutions from the TSR business unit at FEICA for the first time. Thanks to its good adhesion, aging resistance and low air permeability, the product X_Butyl is the ideal polymer for numerous adhesive applications, such as transparent adhesive tapes, sealants for double glazing, high-quality hot melt pressure-sensitive adhesives, vinyl floor adhesives and even sealants for roofing membranes. X_Butyl is also used for self-fluxing, semiconducting electrical splicing tapes, thereby avoiding the need for separate layers of adhesives.

“We offer a wide range of high-quality and established products for the adhesives industry, which we are constantly optimizing,” says Stefan Rittmann, Managing Director of ARLANXEO Deutschland GmbH. “In doing so, close collaboration with our customers is fundamental in all areas, so that we can work with them to develop tailored solutions for their current and future applications.”

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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.

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