

New high viscosity EVM rubber for most demanding applications

- **Levapren® PXL launched with higher tensile strength and easier processing**
- **Used in high-quality hoses and cable sheathings**
- **ARLANXEO at the DKT in Nuremberg, July 2–5, 2018: Hall 12, Booth 506**

Dormagen / Nuremberg – ARLANXEO, a leading global manufacturer of synthetic elastomers, has launched Levapren® PXL, a new ethylene-vinyl acetate rubber (EVM). The new EVM products are characterized by a particularly high viscosity and easier processing, which is needed when manufacturing high-quality hoses, cable sheathings and floor coverings.

ARLANXEO utilizes reactive extrusion for the production of this new EVM series. In contrast to precrosslinking via radiation, this technology uses very small amounts of peroxide to precrosslink the polymer, while ensuring that no traces of the crosslinker are left in the finished product. The result is a homogeneously precrosslinked, free-flowing granulate with very good rheological properties. “Levapren PXL can be processed quickly and easily in various mixing procedures; extrudates show very good surface quality,” says Jörg Stumbaum, Technical Manager at the ARLANXEO High Performance Elastomers business unit.

Higher Tensile Strength, Less Adhesion

Reinforcing fillers, such as highly active carbon blacks, can be efficiently dispersed with Levapren PXL. A dual advantage: “This allows for the production of hoses with a tensile strength up to two megapascals higher than those with conventional EVM types,” says Stumbaum. The PXL variants also show a significantly reduced tack and adhesion to metal, which is good for processing in internal mixers and on rolling mills.

With Levapren PXL, ARLANXEO now offers a precrosslinked EVM variant that is tailor-made for high-quality, oil and fuel-resistant rubber hoses. In addition to the use in the wire and cable or automotive industries, the free-flowing granulates are also suitable for rubber and plastics processors with continuous mixing processes, who were previously unable to use Levapren. This means that the EVM rubber

July 2, 2018

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from ARLANXEO can now be used in an even more flexible and versatile manner.

The Levapren 500 PXL, 600 PXL, 700 PXL and 800 PXL variants with vinyl acetate contents between 50 and 80 percent have been introduced to the market since early 2018.

Photo: Veritas fuel hose made of high quality Levapren from ARLANXEO.

We would be happy to provide more information in person. Visit us at the DKT 2018: Hall 12, Booth 506.

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About ARLANXEO

ARLANXEO is a leading global provider of synthetic rubbers. It achieved a turnover of around €3.2 billion in 2017, has approximately 3,800 employees, and operates 20 production sites in nine countries. The company specializes in the development, production and sale of high-performance rubbers, which are used in industries such as the automotive and tire industry, construction, and the oil and gas industries. ARLANXEO was founded in April 2016 as a joint venture of LANXESS and Saudi Aramco.

Forward-looking statements

This press release contains certain forward-looking statements that are based on current assumptions and forecasts by the management of ARLANXEO. Various known and unknown risks, uncertainties and other factors could cause the company's actual results, financial situation, and development or performance to deviate significantly from the estimates provided here. The company accepts no obligation to update such forward-looking statements or to adjust them to future results or developments.

This press release is available for download from www.PressReleaseFinder.com.

Notes for editors:

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