

## **ALBIS PLASTIC expands its ALFATER XL® portfolio with a series of new polyamide adhesion modified TPV grades**

**Hamburg, October 12, 2016.** ALBIS PLASTIC GmbH is expanding its portfolio of thermoplastic elastomers by including polyamide adhesion modified ALFATER XL® compounds available in shore hardness A55, A70 and A85.

ALFATER XL® is a blend of a polypropylene matrix with a finely dispersed, fully cross-linked EPDM phase and belongs to the group of thermoplastic vulcanizates (TPVs). The material is resistant to weather, ozone, aqueous solutions, acids and alkaline media, and can be used in a wide temperature range (-40 °C to +130 °C). As its natural appearance is very light, the material can be easily colored – even with bright colors.

Numerous tests conducted together with the SKZ Würzburg have confirmed the excellent 2K adhesion to PA6 and PA66 of the new adhesion modified ALFATER XL® types. Peeling tests of ALFATER XL® with shore hardness A55 in accordance to VDI 2019 typically resulted in cohesive break of the ALFATER XL® TPV. This means that the adhesion to polyamide proved stronger than the inherent strength of the TPV. A further highlight is the good adhesion when using inserts (cold inlays).

The new ALFATER XL® types are perfectly suited for the manufacture of 'hard-soft' components in various sectors, such as the automotive and electric / electronic industries. In the automotive segment, thanks to its high temperature resistance, the material is also suitable for use in under the hood applications – e.g. seals, covers and cable ducts.

Given its low emission and low fogging properties the new ALFATER XL® series also meets the requirements for interior automotive parts and housing components.

## **ALBIS PLASTIC profile in brief**

ALBIS PLASTIC is one of the leading globally operating companies in the distribution and compounding of technical thermoplastics. In addition to the product portfolio of well-known plastic manufacturers, ALBIS offers the plastic processing industry a diverse product range of high performance plastics, compound solutions and masterbatches. In 2015, the ALBIS Group, which has approximately 1200 employees, achieved sales of 905 million euros. With 23 foreign subsidiaries, the Hamburg based company is strongly represented in Europe with a growing presence in North Africa, the Far East and America.

ALBIS produces plastic compounds and masterbatches at six sites; Hamburg (Germany), Zülpich (Germany), Obernburg (Germany), Manchester (UK), Humenné (Slovakia) and Changshu (China). In Duncan, South Carolina (USA) ALBIS will also establish a new production plant for technical compounds. In addition ALBIS is the major partner in the newly founded ALBIS Barnet Polymers LLC a joint venture with William Barnet & Son, which is also headquartered in Duncan. This is a recycling business processing post-industrial raw materials, which will be used, in the compounding of ALTECH<sup>®</sup> ECO products. For more information, please visit <http://www.albis.com> and <http://www.albisbarnet.com>.

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