

## PRESS RELEASE

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# ALBIS presents the N(e)XT Generation PP-Compound

- **New PP-Compound ALTECH<sup>®</sup> NXT PP closes the previous gap between standard and technical plastics in industrial applications**
- **Developed for high mechanical and thermal requirements, this material offers advantages in terms of material density, processability and cost efficiency**

**Hamburg, 12. October 2012.** A new polypropylene compound called ALTECH<sup>®</sup> NXT PP is now available from ALBIS Plastic GmbH. Thanks to an innovative recipe and process technology, this material can achieve the mechanical properties of long-glass-fibre (LGF) compounds and polyamide compounds. In contrast to polyamide, its application is limited to a temperature of up to 120 °C.

The new ALTECH<sup>®</sup> NXT PP is an interesting alternative for many applications. Some of the main advantages are the lower density, robust processing and cost efficiency.

„A weight reduction of up to 20 percent compared to similar plastic compounds opens up extremely interesting options for lightweight design to the automotive industry," explains Söhnke Müller, Business Line Manager Advanced Products at ALBIS PLASTIC GmbH.

### **Excellent mechanical properties achieved**

ALTECH<sup>®</sup> NXT PP almost achieves the same results as PP-LGF and PA6-GF products. It differs to the fibreglass reinforced PP not only due to its superiority in the temperature-dependent E-module values, but also by virtue of the comparatively high HDT A-value of 154 °C. Another remarkable aspect is the high heat-aging resistance in the PP field. For instance, there is no significant change in the mechanical properties even if stored for 1,000h at 150 °C.

„In numerous processing tests over the past few months ALTECH<sup>®</sup> NXT PP has shown that the presented properties can be achieved at even shorter cycle times," emphasizes Senior Product Specialist Klaus Schürmann. "The new PP-material has the potential to establish itself as an excellent material of choice in various industrial application fields."

## **ALBIS PLASTIC profile in brief**

ALBIS PLASTIC is one of Europe's leading 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 masterbatch. During the last business year the ALBIS Group, which has ca. 920 employees, achieved a turnover of 733 million euros. The Hamburg-based company has 16 subsidiaries and is represented in many European countries as well as the Far East and North America. ALBIS manufactures plastic compounds and masterbatch at three sites in Europe – Hamburg (D), Zülpich (D) and Manchester (UK). For more information, please visit [www.albis.com](http://www.albis.com).

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