

**Press release****StarBlend®: customized compounds tailored to your applications**

**SÜDPACK develops and produces thermoplastic compounds for special applications in its Competence Center for compounding. The high-quality compounds made from conventional and bio-based raw materials are perfectly designed to meet the individual needs of customers. The compounds feature high media resistance, surface quality and scratch resistance and can include added recyclate. Since the beginning of this year, the special compounds, which are used in a wide variety of industries, have been marketed under the StarBlend® brand name.**

Whether tooth brushes, plastic fittings for vehicles, household appliances, wire insulation, cosmetic packaging, gaskets, window profiles, furniture or packaging – SÜDPACK compounds can be used in a broad range of industries and for technically demanding applications in particular thanks to their outstanding mechanical properties and optimal processability. They are the perfect combination of modern application technology and unparalleled expertise in polymers, additives and fillers.

**StarBlend® – standard meets individuality**

The SÜDPACK portfolio of high-end compounds covers thermoplastic, non-filled and mineral or glass-fiber-filled granulates that are equally suited for injection molding, extrusion and filaments.

“The base is formed by our standard compounds, which we customize to meet the required properties of the end product for each customer. This regularly allows us to significantly reduce the development process and time-to-market for our customers,” explained Dr. Kylie König, Business Development Manager for compounds at SÜDPACK.

**Sustainable compounds? StarBlend®!**

As a responsible family business that focuses on sustainability, the use of recycle allows SÜDPACK to also offer its customers solutions that can reduce the carbon footprints of their products. Just some of the materials that are used are recyclables from the company's own film production as well as re-granulated materials from customers with the aim to use them as feedstock for new compounds whenever possible. "We're very flexible in terms of input material and are able to use not only thermoplastic by-products, but also post-consumer recyclates and bio-based polymers," emphasized König.

Decisions such as whether bio-based or conventional polymers should be used or how much recycle should be in a compound are made by the customer. "In principle, it is even possible to realize material solutions made of 100% recycle, which means there is no upper limit in this regard," highlighted König.

To give customers the facts they need to select the most sustainable solution, SÜDPACK performs life cycle assessments for its StarBlend compounds that take the entire life cycle of the materials into account. Moreover, the seamless traceability of all of the raw materials used along the entire supply chain ensures that the specific compounds are available in consistently high quality and in the necessary quantities at all times.

**Contract compounding – an added service**

SÜDPACK is also a strong partner for customers who have developed their own compound formula, who need assistance in formula optimization or who require additional compounding and production capacities. As a compounding contractor, the experts produce not only each compound based on its specified formula, but also support their customers with an offer ranging from raw materials procurement to prototype development to industrial production – with excellent all-round service.

**SÜDPACK compounds at your fingertips**

As a member of the “Positive Plastics Initiative,” SÜDPACK supplied its “StarBlend PP 004-01 R T20 N” compound with 70% PP-recyclate for the sample “Kit 3.” The initiative compiles kits with polymers that are suitable for injection molding and extrusion and have a reduced environmental footprint, which means they contribute to creating a functional circular economy. The special shape of the samples showcases all of the significant mechanical and optical properties of a material for designers and product managers and demonstrates how a final product might look when made of that material.

At the IKV’s 32nd International Plastics Technology Colloquium, which will be held on February 28 and 29, 2024, in Aachen, SÜDPACK will be at booth 1 to provide information about its entire StarBlend portfolio in addition to all of its services in the field of compounding.

**About SÜDPACK**

SÜDPACK is a leading manufacturer of high-performance films and packaging solutions for the food, non-food and medical goods industries and also of customer-specific compounds for technically demanding applications.

The family business, which was founded by Alfred Remmele in 1964, is headquartered in Ochsenhausen. The production sites in Germany, France, Poland, India, Switzerland, the Netherlands and the USA are equipped with cutting-edge plant technology and manufacture to the highest standards, including the capacity to operate under clean room conditions. The global sales and service network ensures a high degree of proximity to the customer and comprehensive application technology support in more than 70 countries.

With its state-of-the-art Development and Application Center at its headquarters in Ochsenhausen, the innovation-oriented company offers its customers an optimal platform for developing individual and tailor-made solutions and also for performing application tests.

SÜDPACK is committed to sustainable development and fulfills its responsibility as an employer and towards society, the environment and its customers. For its sustainable product developments and consistent commitment to a functioning circular economy in the plastics industry, SÜDPACK has received numerous awards. Further information is available at [www.suedpack.com](http://www.suedpack.com)

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