

# Evonik Expands Capacity for PEEK Products

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Due to increasing global demand for high-performance polymers Evonik's Resource Efficiency Segment is significantly expanding its production capacity for polyetheretherketone (PEEK) at the Changchun (China) site. In addition, the innovation pipeline is being continually expanded with new products.

Business in Evonik's VESTAKEEP brand of PEEK polymers has experienced consistent and strong growth over the last five years across all relevant industry segments for example, oil and gas, aviation and automotive. "We're very pleased to be able to participate in increasing global demand for PEEK products," says Dr. Matthias Kottenhahn, Head of the High Performance Polymers Business Line. "The investment affirms our commitment to support our customers' growth over the long term as well as to continually expand our product portfolio."

## ***New products for specialty applications***

Thanks to their high thermal and chemical resistance, VESTAKEEP specialty polymers can replace metal components enabling demanding lightweight structural applications.

VESTAKEEP Easy Slide I is a recently developed PEEK compound which stands out by offering excellent abrasion resistance and low sliding friction, thereby allowing production of ever smaller and more powerful structural elements such as vacuum pumps. The recently introduced VESTAKEEP 5000 HCM (hot compression molding) grade increases the production efficiency of customized PEEK seals delivering superior mechanical properties and performance for the oil and gas industry.

## ***A reliable partner with longstanding expertise***

Evonik has more than 40 years' experience in the development and production of high performance polymers. Its comprehensive product portfolio includes solutions for almost any industrial application. The Group is therefore well-positioned as a reliable partner on the global PEEK market for the long term. "Our strategy is to pursue joint project development with our customers to ensure the continuity of the innovation pipeline," says Sanjeev Taneja, Vice President of High Temperature Polymers. "Our aspiration is to offer high-quality products that lead to commercialization of new projects for our customers."

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