

## VESTAKEEP® Adopted in Japan made Pipes and Plugs for Analytical Column

September 19, 2008

The PEEK resin VESTAKEEP® manufactured by Daicel-Evonik Ltd., Tokyo, Japan, was adopted by Tomoe Works Co., Ltd., Hyogo, Japan, a company designing, manufacturing and selling liquid chromatography columns, as a material for their analytical column pipes and plugs. Tomoe Works quickly recognized the advantages that PEEK provides through application to analytical columns, and has thus become a leading domestic developer and producer of columns, plugs and filters made from PEEK as well as functional metal parts.

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The molding trial, which was conducted in order to assess the column members of complex shapes made using VESTAKEEP®, was one in which our Technical Center (Himeji City, Hyogo) provided active support at every step, so that mass production could be given the green light. Daicel-Evonik will continue offering in-depth technical support so that the customers can use VESTAKEEP® with the greatest confidence.

VESTAKEEP® is noted for its high pressure resistance, which is a key feature required of any analytical column material, while its dimensional stability has received great praise. Moreover, VESTAKEEP® provides superior resistance to chemicals and staining. Given such considerable advantages, VESTAKEEP® will be sure to find use in the production of columns, not only for drug analysis testing but also for food analysis and environmental analysis of soil, water, etc.

### Company information

Evonik Industries is the creative industrial group from Germany which operates in three business areas: Chemicals, Energy and Real Estate. Evonik is a global leader in specialty chemicals, an expert in power generation from hard coal and renewable energies, and one of the largest private residential real estate companies in Germany. Our strengths are creativity, specialization, continuous self-renewal, and reliability. Evonik is active in over 100 countries around the

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world. In its fiscal year 2007 about 43,000 employees generated sales of about €14.4 billion and an operating profit (EBIT) of more than €1.3.

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