



## **VESTAKEEP® PEEK Resin Now Available from Professional Plastics**

*Professional Plastics has been named the exclusive distributor of VESTAKEEP® PEEK resins. VESTAKEEP® PEEK is a semi-crystalline thermoplastic that can be melt processed by Injection Molding, Compression Molding, and Extrusion.*

Fullerton, CA, September 24, 2008 --(PR.com)-- Professional Plastics has been named the master distributor of VESTAKEEP® PEEK resins. VESTAKEEP® PEEK was developed by Evonik Degussa as a high-quality replacement for existing PEEK products currently in the marketplace. Evonik AG is Germany's the third largest chemical company with annual revenue of approximately \$ 15 billion dollars. The VESTAKEEP® product is the result of several years of development and significant capital investment.

PEEK is a semi-crystalline thermoplastic that can be melt processed by Injection Molding, Compression Molding, or Extrusion. Professional Plastics offers VESTAKEEP® PEEK resins in standard box quantities for injection molding, compression molding and extrusion.

PEEK is best known for the following properties: Chemical & environmental inertness, Heat resistance, High heat deflection temperature, Dimensional stability due to low water absorption, High hardness & abrasion resistance, Good strength at elevated temperatures, Good electrical properties, Good radiation resistance & Inherent flame resistance.

VESTAKEEP® Grades Include:

VESTAKEEP® 4000 G - high-viscosity, low-flow base grades for products such as gear parts, parts used in medical technology, and films, sheets, and semi-finished products. This grade is similar to Victrex 450G.

VESTAKEEP® 2000 CF30 - medium-viscosity compounds with increased rigidity - injection molding - contains 30% carbon fibers

VESTAKEEP® 2000 GF30 - medium-viscosity, glass fibre-reinforced compound with increased rigidity used in the construction of machinery, apparatuses and aircraft and in the electrical industry

VESTAKEEP® 2000 G - medium-viscosity, easy-flow base grades for products such as gear parts, parts used in medical technology, and films, sheets, and semi-finished products. This grade is similar to Victrex 150G.

VESTAKEEP® 4000 CF30 - carbon fiber-reinforced molding compounds with increased or high rigidity, partially low-warpage, e.g., for housing parts

VESTAKEEP® 4000 GF30 - glass fiber-reinforced molding compounds with increased or high rigidity, partially low-warpage, e.g., for housing parts

VESTAKEEP® 4000 FP - medium- to high-viscosity, unreinforced polyether ether ketone fine powders used as base material or mixed with various additives for compression molding

A VESTAKEEP® Medical Implant Grade suitable for permant medical implant devices will be available by 2Q 2009' according to company plans.



Professional Plastics maintains an inventory of all standard grades. These products are now available for sale online at <http://www.professionalplastics.com/VESTAKEEP-PEEK> . For more information, contact Professional Plastics at (888) 995-7767, or e-mail to [sales@proplas.com](mailto:sales@proplas.com)

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