

## **POLYMICS LAUNCHES PEEK CAM TUBE PRODUCT LINE**

STATE COLLEGE, Pennsylvania May 20, 2011 – Polymics, Ltd., a leading developer high performance plastics, announced today the launch of its CAM Tubes™ product line (Centrifugal Assisted Molding stock shapes) that produces high performance PEEK tubes for use in severe-environment seals, backup rings, and bushings.

Polymics' proprietary CAM Tube™ process fills a market niche by economically producing tubes over a wide range of outer diameters and lengths, with high dimensional stability, and very good ductility.

Dr Tim Hsu, Chairman, President and CEO of Polymics stated that, "Our proprietary processes have been designed to economically produce tubes across the entire range of sizes yet in smaller volumes. Our CAM Tube product line fills increasing customer demand by providing seal and backup rings in oil field, heavy equipment, and reciprocating equipment applications."

Dr. Hsu added, "We expect our CAM Tube product line to facilitate the fabrication of custom and lower volume components that are currently cost prohibitive with comparable injection molding and extrusion processing. We chose VESTAKEEP<sup>(R)</sup> PEEK for use in our CAM Tubes after an extensive evaluation which showed that EVONIK's PEEK had unique processing characteristics and properties," concluded Dr. Hsu.

The use of VESTAKEEP<sup>(R)</sup> PEEK in Polymics' CAM Tube processes produces tubes that consistently exceed existing physical strength and ductility specifications, while simultaneously providing better dimensional stability to fabricators. While both injection molding and extrusion processes produce tubes with anisotropic properties, Polymics' CAM Tubes provide very low stress and nearly isotropic properties throughout the tube. Commercially, Polymics' CAM Tubes provide higher yields and more consistent results, both of which are highly valued by machine shop fabricators.

An added benefit of Polymics' CAM Tubes is the wide variety of diameters, wall thickness and lengths, which minimize machining costs and material waste. CAM Tubes are available from 3" up to 10" as an outer diameter (in ¼" increments), and with wall thicknesses ranging from ¼" to ½" and with lengths of 10" or greater. Additionally, custom wall thicknesses are available down to an 1/8" and up to 3/4". These unique characteristics in combination with a wide range of sizes, thicknesses and lengths, provides advantages not available with traditional injection molding and extrusion processes.

Polymics plans to expand its CAM Tube offering with additional thin-walled cylinders specifically designed for electrical insulation and continuous belts. Additionally, reinforced grades will soon be available for use as structural components, and lubricated grades for use in wear and bearing applications.

### **About Polymics:**

Polymics is a provider of high performance polymer solutions. Our deep technical knowledge and vertical production capabilities allow us to service our customers' needs with our standard product lines or by developing application specific solutions for unique customer applications. Our technological expertise allows us to look at our customer's application and work with them to develop the ultimate solution. Polymics' corporate headquarters and global R&D center is located in State College, PA. The company has production facilities in the US, Taiwan and China, and a regional sales office in Houston, Texas. For more information visit

[www.polymics.com](http://www.polymics.com).

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