

## Press Release

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## Quantum Polymers Announces Kynar® 450 PVDF-Based Plastic Products

*Kynar® 450 Resin Based PVDF Stock Shape Products Enable Manufacturers in Chemical Processing Industries to Meet Demanding Applications with Readily Available Material*

**Newark, Del. – September 6, 2011** – Quantum Polymers today announced the immediate availability of extruded stock shape plastic products made with Kynar® 450 resin from Arkema Inc. KYNAR® 450 is a semi-crystalline high molecular weight pelletized polymer of vinylidene fluoride. It is a versatile engineering plastic with an outstanding balance of physical and chemical properties, which qualify it for high performance service in a wide range of applications.

Quantum Polymers is offering Kynar® 450 PVDF extruded rods and plates. Rods are available from 1/2" to 5" diameter whereas plates are available from 3/8" to 4 1/2" thickness. Kynar® 450 works well for applications required to handle harsh chemicals for long periods of time. Kynar® PVDF is chemically resistant to halogens (chlorine, bromine, fluorine, iodine) and strong acids even at high temperatures. As such, Quantum is offering this material well suited for chemical processing and other areas of manufacturing.

Kynar® 450 PVDF is FDA compliant for repeated contact with food. It also meets NSF-61 specifications for potable water.

"We are pleased to announce the incorporation of Kynar PVDF 450 as the newest member in our PVDF offerings," said Hemant Bheda, CEO of Quantum Polymers. "Kynar® 450 stock shape products will provide our customers access to readily available PVDF grade products for specific applications in Chemical Processing."

"Kynar® 450 allows us to expand and increase the range of opportunities while providing the chemical and physical property characteristics typical of Kynar® PVDF resins" said Gary Dennis, sales manager for Arkema.



## About Quantum Polymers

Quantum Polymers, based in Newark, Delaware, manufactures and sells high performance plastics stock shape products for industrial applications. The company operates an extrusion plant in Delaware and specializes in delivering high performance plastics stock shape products with low minimums and custom sizes in short delivery times.

For those applications that require physical, mechanical and electrical properties beyond the reach of standard off-the-shelf plastics products, Quantum offers engineering assistance to develop custom formulated, reinforced and alloy materials. For more information, please visit the company website: [www.quantum-polymers.com](http://www.quantum-polymers.com). Detail Product information at [www.quantum-polymers.com/pdf/QuantaPVDF450.pdf](http://www.quantum-polymers.com/pdf/QuantaPVDF450.pdf)