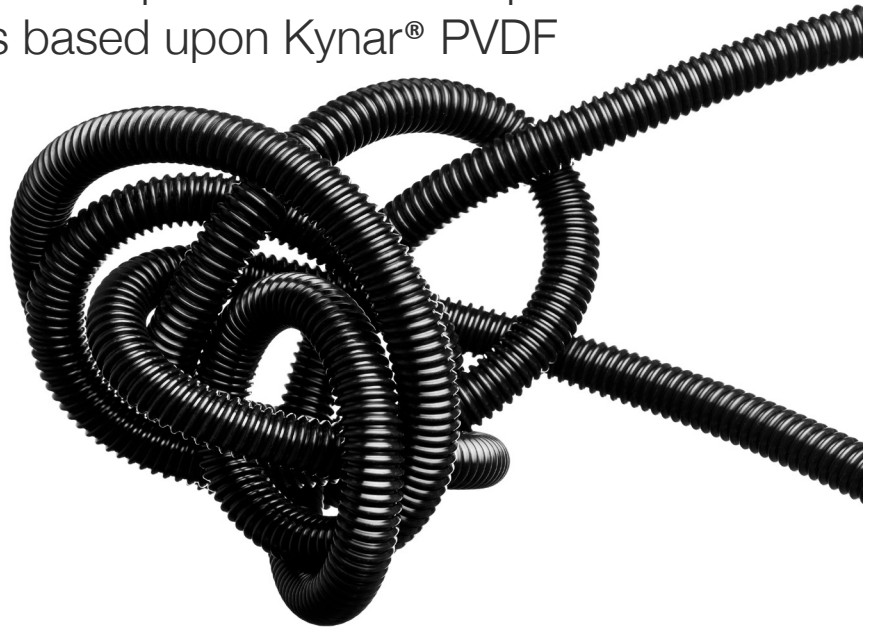


Xenia announces a partnership with Arkema to produce composite compounds based upon Kynar® PVDF



Xenia will bring to market a new series of short carbon-fiber filled PVDF thermoplastic composite grades under the XECARB® 45 brand.

In collaboration with Arkema, Xenia has successfully developed a range of PVDF composite compounds for injection and extrusion processes directed toward a wide range of specialty applications in the chemical processing industry requiring extreme durability and longevity. The new compounds feature truly exceptional mechanical properties, with elastic modulus of up to 15,000 MPa and outstanding resistance to a very wide range of aggressive chemicals. Parts and pieces made from these compounds may be further processed by traditional welding and fabrication methods already commonly employed with standard Kynar® PVDF grades.

“We are very proud of this partnership, which leverages the extensive R&D resources of both companies,” said Fabio Azzolin, president of Xenia. “This collaboration further extends the partnership we have recently developed with Arkema in adjacent high performance polymers like long chain polyamides and Pebax® elastomers,” added Mr. Azzolin.

“Arkema is a proven leader in fluoropolymer innovation. Our ability to closely collaborate with an expert in the field of specialty fiber-reinforced composites, adds an exciting new dimension in new high performance applications,” added Dr. Anthony Bonnet, Arkema’s global research director for technical polymers.

Xenia is an Italian compounding company, specialized in engineering and production of innovative polymer-based materials for the most advanced and challenging industries. The company, located in Vicenza, Italy incorporates an engineering team, which helps customers to develop high-tech solutions with a research and development department dedicated to product innovation. www.xeniamaterials.com

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