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Arkema business units to feature new products at 2015 NPE Show

Arkema will have a strong presence at the 2015 NPE International Plastics Expo in Orlando, FL, later this month (exhibit space #36019), featuring products from five business units that serve the broad plastics marketplace. The product portfolio will range from new offerings in bio-sourced solutions, PVDF resins, new high performing thermoplastic resins, thermoplastic elastomers, soybean-based plasticizers, and high performing impact modifiers and compatibilizers for nylons and polyesters.

"In recent years we have marshaled our business resources, manufacturing assets and technical expertise around markets that focus on sustainable benefits to our ultimate end-users," said Bernard Roche, president and CEO of Arkema's operations in the Americas. "The products we will feature at NPE reflect our focus on megatrends, such as water management, energy-saving lightweight materials, highly durable materials, and natural, bio-based products. We regard NPE as the marquee venue to display our expansion into these markets."

Arkema's **Fluoropolymers** business unit will feature Kynar® PVDF, Kynar Flex® PVDF, Kynar Aquatec® fluoropolymer latex, and Kynar® film. Kynar® products are used in wire and cable, chemical processing, oil and gas transport, photovoltaics, lithium ion batteries, water filtration, and polymer compounding. This family of fluoropolymers combines many outstanding properties, notably flame and smoke resistance, service temperatures to 150°C, resistance to abrasion, chemical attack, sunlight and UV, radiation, and mechanical stress, all resulting in a material with exceptional long-term stability. Kynar® brand products are commonly used in pipes, valves, pumps, tanks and fittings for corrosive chemical handling, off-shore piping for oil exploration, back sheets for solar panels, binder materials for batteries, filters for water purification, and long lasting coatings to protect a variety of outdoor substrates.

Arkema's **Altuglas International** business offers solutions for precise, tough molded parts and an outstanding combination of performance properties and value through its family of Plexiglas® acrylic thermoplastic resins. These resins provide excellent optical clarity, exceptional weatherability, and design flexibility. No matter the market: automotive, lighting, medical, building and construction, sign, etc., these resins are available in many grades and colors to meet customers' specific application needs.

Arkema's **Specialty Polyamides** group will highlight the expansion of its bio-sourced portfolio and exciting Pebax® resin developments. Excellent energy return, toughness, flexibility, elasticity, and shock resistance make lightweight Pebax® resins a world-renowned solution for high performance sports equipment, such as running shoes and cleats. At NPE, Arkema will highlight an exciting new area for Pebax® materials, breathable nonwovens. Bio-sourced solutions have been the keystone of the Specialty Polyamides' offering since the development of Rilsan® polyamide 11 over 60 years ago. Founded on the proven sustainability and use of renewables, Arkema continues to expand its bio-sourced portfolio with the addition of PA10.10, PA10.12, PA6.10 and now transparent grades in the Rilsan® Clear Rnew® family. These new grades, Rilsan® Clear G850 Rnew® and Rilsan® Clear G120 Rnew®, make Arkema the only supplier of bio-sourced transparent polyamides.

Arkema is also eager to introduce Vikoplast™ plasticizers at NPE 2015 from its **Functional Additives** business. Worldwide pressure on phthalate use in the polymer industry has led to the development of Vikoplast™ soy-based plasticizers as a direct replacement. Drawing on Arkema's extensive experience in Vikoflex® epoxides, Vikoplast™ epoxides are designed to suit the changing needs of the consumer and industrial flexible vinyl markets.

In the **Functional Polyolefins** business, Arkema will feature Lotader[®], Lotryl[®] and Orevac[®] impact modifiers and compatibilizers for all types of nylon and polyesters. In addition, Arkema supplies Orevac tie layers for a variety of packaging structures.

About Arkema

*A global chemical company and France's leading chemicals producer, **Arkema** is building the future of the chemical industry every day. Deploying a responsible, innovation-based approach, we produce state-of-the-art specialty chemicals that provide customers with practical solutions to such challenges as climate change, access to drinking water, the future of energy, fossil fuel preservation and the need for lighter materials. With operations in nearly 50 countries, about 19,000 employees, and research centers in North America, France and Asia, Arkema generates pro forma annual revenue of €7.6 billion (\$9.5 billion USD), and holds leadership positions in all its markets with a portfolio of internationally recognized brands.*

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