

King of Prussia, Pa., Oct. 17, 2022

## ARKEMA SHOWCASES INNOVATIONS IN COMPOSITES RECYCLING AND STRUCTURAL ADHESIVES AT CAMX 2022

**Arkema, a world leader in specialty materials, will showcase a wide range of innovations in structural adhesives and composites at the 2022 Composites and Advanced Materials Expo (CAMX), Booth F56, Oct. 17-20 at the Anaheim Convention Center in Anaheim, Calif. (USA).**

*“Arkema is continually looking for ways to improve composite formulations,” said Alexandre Vermogen, global marketing manager for Plastic Additives at Arkema. “At CAMX 2022, we will showcase innovation in many different forms, from unique advances in recycling to new additives for epoxy formulations to adhesives tailored to meet the specific needs of this industry.”*

Arkema is focusing on several related announcements at CAMX 2022, outlined below.

### **Arkema highlights unique toughening improvement technologies for composites and structural adhesives with CLEARSTRENGTH® XT powder and SARTOMER® liquid resins**

Earlier this year, Arkema introduced CLEARSTRENGTH XT® 151 toughener, an innovative, high-performance product designed primarily to boost the performance of thermosetting resins, focusing on epoxy and high polar acrylics, while ensuring high processability. This easy-to-use powder provides:

- Easy powder dispersion that reduces processing time and energy consumption
- Superior toughness and shear strength thanks to optimum dispersion at individual core shell level
- Ability to replace modifier powders and also liquid masterbatches of pre-dispersed core shell particles

*“Using Arkema’s unique and patented technology, CLEARSTRENGTH® XT powder is the exception to the rule when it comes to core/shell tougheners,” said Vermogen.*

Arkema also offers the new **Sartomer® Advanced tough liquid resins** in these applications, with ready-to-use solutions, enabling formulators to reach a "high toughness/flexibility" trade-off for more durable materials.

### **Arkema showcases ELIUM® liquid thermoplastic resin**

Arkema will also showcase the innovative ELIUM® thermoplastic resin, which exhibits performance comparable to traditional composite resins while allowing the products and systems where it is incorporated to be recycled. ELIUM® resins are used in a wide range of composites applications including boat hulls, wind turbine blades, high pressure tanks and more. Learn more about the product’s recyclability, [here](#).

*“Composite materials are everywhere in our world today,” said Nicolas Valloir, business manager for ELIUM® resins at Arkema. “Elium® resins give formulators the material solution they need to make those applications recyclable in ways that have not been possible before.”*

### **Bostik offers PLIOGRIP® adhesives**

Bostik, the adhesives solutions business of Arkema, now offers PLIOGRIP® adhesives, formerly under Ashland’s Performance Adhesives umbrella prior to the company’s acquisition. It is a strong addition to Bostik’s existing composites market bonding options and complementary to its line of sealants, hot melts, engineering adhesives and more. PLIOGRIP® adhesives offer:

- Fast cycle times to streamline production capabilities
- Custom formulations to heighten ability to meet application requirements
- Thermoplastic and mixed material bonding capabilities to improve design options for electric vehicle batteries and enclosures

*“PLIOGRIP® adhesives offer a wide range of benefits that can help customers optimize production and improve performance in a wide range of applications,”* said John Baetz, regional business director for mobility, Americas at Bostik. *“We encourage everyone attending to stop by the booth and learn about how these products – as well as others from Arkema – can help improve composites operations in some very interesting ways.”*

**Technical presentation**

- Wednesday, Oct. 19, 2:00pm in Room 210 A: “Easily Dispersed Toughener for Epoxy Composite” by Ya-Ting Su, scientist at Arkema

Attendees at Arkema’s technical presentation will learn how new core shell technology offers benefits such as time and energy savings, enhanced toughness with minimal loss of modulus and glass transition temperature, specifically in epoxy, acrylic and vinyl ester resins.

To learn more, visit the Arkema booth, F56, at CAMX or visit the websites below:

[www.bostik.com/us](http://www.bostik.com/us)

[www.plasticadditives.arkema.com](http://www.plasticadditives.arkema.com)

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

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Building on its unique set of expertise in materials science, **Arkema** offers a portfolio of first-class technologies to address ever-growing demand for new and sustainable materials. With the ambition to become in 2024 a pure player in Specialty Materials, the Group is structured into 3 complementary, resilient and highly innovative segments dedicated to Specialty Materials -Adhesive solutions, Advanced Materials, and Coating Solutions- accounting for some 85.5% of Group sales in 2021, and a well-positioned and competitive Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of, among other things, new energies, access to water, recycling, urbanization and mobility, and fosters a permanent dialogue with all its stakeholders. The Group reported sales of around €9.5 billion (\$11.2 billion USD) in 2021, and operates in some 55 countries with 20,200 employees worldwide.

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