

Sartomer Europe to Launch New UV-Curable Engineered Resins for 3D Printing at Formnext

Sartomer, a business line of Arkema, will introduce new products from the N3xtDimension® line of UV-curable engineered resins for 3D printing applications at Formnext 2018. These resins help additive manufacturers yield exceptional material's tunability, high-definition, and fulfill performance and regulatory requirements for a wide range of industrial applications.

Sartomer, as part of the new commercial platform dedicated to 3D printing, "3D Printing Solutions by Arkema", is a pioneer in designing liquid resin solutions for UV-curable additive manufacturing, marketed under the N3xtDimension® brand.

"We are addressing the needs of demanding and innovative 3D printing markets by partnering with global leaders to deliver custom material solutions for end-use applications," said Sumeet Jain, Global Director for 3D Printing Business, Sartomer. "Through our range of products and services dedicated to additive manufacturing, we are supporting the 3D printing sector as it grows and continues to develop new applications."

At Formnext, Sartomer Europe will launch the following new engineered resins that enable an improved performance with excellent overall properties:

- **Impact resistance:** N3D I-2105 imparts excellent impact resistance to 3D-printed materials. It enables the manufacturing of functional parts.
- **Flexibility:** N3D F-2115 achieves different flexibilities depending on the post treatment applied. Its elongation at break and modulus are fine-tunable to reach the desired set of properties: elongation, tear resistance and Shore A hardness.
- **Prototyping:** N3D P-2125 exhibits a homogeneous network, enabling excellent processability and limited evolution of mechanical properties after post-curing.

[Click here](#) for more information about the N3xtDimension® line of new UV-curable engineered resins.

Products featured at Formnext also include a unique selection of oligomer and monomer resins that address key market needs for end-use applications. These tailor-made solutions enable freedom of design and customized properties such as impact resistance, resolution, flexibility, processability, toughness and clarity.

As part of its commitment to 3D printing innovation, Sartomer opened its [3D Printing Center of Excellence dedicated to UV curing resins](#) earlier this year, an advanced R&D lab where experts can develop cutting-edge 3D printing resins through advanced materials research.

3D Printing Solutions by Arkema brings a step change in additive manufacturing's possibilities. Beyond offering an industry leading portfolio of materials, Arkema unlocks new applications by bringing full solutions and expertise, from the customer's concept to the industrialization.

Formnext 2018, an international exhibition and conference on the next generation of manufacturing technologies, takes place November 13-16 in Frankfurt, Germany. Visit our booth H58 in hall 3.1. For more information about the event, visit www.formnext.com.

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Sartomer is a premier global supplier of specialty chemicals for ultraviolet and electron beam (UV/EB), peroxide, and two-part epoxy/amine systems. For more than 60 years, Sartomer has pioneered the development of these advanced technologies, introducing hundreds of products that enhance performance in 3D printing, coatings, graphic arts, adhesives, advanced materials and other demanding applications. For more information, visit www.sartomer.com.

About Arkema

A designer of materials and innovative solutions, Arkema shapes materials and creates new uses that accelerate customer performance. Our balanced business portfolio spans high-performance materials, industrial specialties and coating solutions. Our globally recognized brands are ranked among the leaders in the markets we serve. Reporting annual sales of €8.3 billion in 2017, we employ approximately 20,000 people worldwide and operate in close to 55 countries. We are committed to active engagement with all our stakeholders. Our research centers in North America, France and Asia concentrate on advances in bio-based products, new energies, water management, electronic solutions, lightweight materials and design, home efficiency and insulation. www.arkema.com

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