Arkema to launch Center of Excellence to advance 3D Printing resins technology

Arkema will open its 3D Printing Center of Excellence, located at its Sartomer Exton, PA facility. In this advanced R&D lab, Sartomer and its partners will further develop cutting-edge 3D printing resins through innovative material research and collaboration. This new center will complete the Arkema’s worldwide R&D network dedicated to the development of advanced material for additive manufacturing.

Sartomer, a Business Line of Arkema, is a pioneer in designing engineered resins for UV-curable additive manufacturing marketed under its NxtDimension® brand. These photo-cure 3D printing materials yield products with thermoplastic-like mechanical properties for applications such as dental, sports and electronics.

The 3D Printing Center of Excellence will house most UV based technologies: stereolithography (SLA), Digital Light Processing (DLP), and Multi Jet Printing (MJP) to name a few. It provides a collaborative space for chemists and application engineers to develop custom resins for customer needs. This advanced lab will complete the existing R&D network of the Group dedicated to the fast growing 3D Printing market, a driver of Arkema’s future growth.

"Sartomer is an historic partner for 3D printing pioneers," said Sumeet Jain, Global Director – 3D Printing at Sartomer. "We’re launching the 3D Printing Center of Excellence to deepen our support of the visionaries working to develop innovative 3D printed materials."

Arkema is ideally positioned to bring 3D Printing to a full manufacturing scale with a unique line-up of polymer materials available in filament for extrusion, in powder for sintering and in liquid for UV curing, backed by a deep understanding of end-user applications and needs.

“3D printing will further expand in to mass manufacturing through innovative advanced material technologies and partnerships with market leaders” said Guillaume de Crevoisier Global Business Director coordinating the 3D Printing activities for Arkema.

The grand opening of Sartomer’s 3D Printing Center of Excellence, based in Exton, PA, is scheduled for July 30th 2018. To learn more, visit AMERICAS.SARTOMER.COM/en/3d-printing-center-of-excellence/.

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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