

King of Prussia, PA, March 14, 2023

ARKEMA CONTINUES ITS JOURNEY TOWARD MORE SUSTAINABLE MATERIALS FOR 3D PRINTING AT AMUG 2023

Arkema, a leader in specialty materials and a pioneer in high-performance materials for 3D printing, will exhibit at AMUG 2023, and showcase its innovative and more sustainable new material solutions for all major 3D printing technologies.

LOWER CARBON FOOTPRINT AND BIO-BASED MATERIALS

The beginning of 2023, Arkema signed a long-term agreement with ENGIE for the supply of 300 GWh/year of renewable biomethane in France. With the renewable biomethane supply and ongoing energy efficiency projects, Arkema will further significantly reduce the carbon footprint of the flagship 3D printing materials: bio-based high performance Rilsan® polyamide 11 and Pebax® elastomers.

Within its N3xtDimension® liquid resins for UV curing product line, Arkema will introduce N3D-PR184-BIO, a new high-performance, industrial and consumer prototyping resin with 53% bio-renewable content (BRC). This formulation is the first in the N3xtDimension® bio-based offering and complements the Sartomer® bio-based offering of SARBIO resins that combine increased BRC content with technical performance in end-use applications.

RECYCLING PROGRAM FOR A MORE CIRCULAR WORLD

HP, leading provider of industrial 3D printing solutions worldwide, now offers interested customers Arkema's Virtucycle® program, the Arkema recycling solution of 3D used powders and printed parts. Launched in 2019, the Virtucycle® program offers three axis of support to Arkema's high performance polymers customers and downstream users: Eco-design expertise, recyclability and recycling guarantee as well as recycled high-performance polymers (Contact virtucycle3D@arkema.com for more details).

CONFERENCES AND EXHIBITION

Arkema's 3D printing material experts will present at a technical conference on "Improving sustainability for industrial additive manufacturing with more sustainable materials" on Tuesday, March 21 at 3:00 pm. The presentation will explain how Arkema's latest developments can help 3D printing end-users to achieve their sustainability goals and reduce their carbon footprint.

At AMUG booth# P3, in Chicago, IL, on March 19-23, Arkema and its partners will feature 3D printed parts according to four major markets: Healthcare/dental, Industry, Consumer goods, and Transportation, for radiation curing, powder bed fusion and filament extrusion.

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 91% of Group sales in 2022, 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 € 11.5 billion in 2022, and operates in some 55 countries with 21,100 employees worldwide.

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