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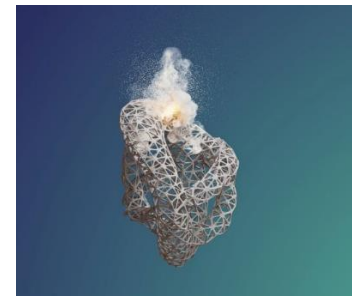
ARKEMA ANNOUNCES NEW PARTNERSHIPS WITH INDUSTRY LEADERS TO DESIGN THE NEXT GENERATION OF 3D PRINTED MATERIALS AND SOLUTIONS

The Group will attend FORMNEXT from November 7th to 10th and will showcase its industry leading range of advanced 3D printing materials on the market.

Arkema collaborates with industry leaders including **EOS, HP and Stratasys**, to continue offering customers more sustainable, high-performance materials for additive manufacturing. This is particularly true of its bio-sourced Rilsan® Polyamide 11, for which the Group recently announced a further reduction in the carbon footprint of all its grades globally. This initiative represents an improvement of around 70% compared to traditional polyamide resins produced using fossil-based raw materials and conventional energy sources.



HP, one of the key 3D printing industry leaders, collaborates closely with Arkema, to launch **HP 3D High Reusability PA12S** enabled by Arkema. This new polyamide 12 powder engineered for HP Multi Jet Fusion technology is designed for the production of functional parts across various industries. This new PA12 material is enabling for example the production of cosmetic application parts with outstanding look and feel while demonstrating the highest reusability ratio compared to other polyamide 12 powders available on the market.



GENERA and Arkema partner to bring 3D-printed **personalized eyewear** to the consumer goods market. The breakthrough solution paves the way for unmatched personalization, improved comfort and functional mechanical properties to complement the wearer's style and preferences. The collaboration leverages GENERA's fully automatized DLP process with a unique RFID chip that ensures optimized printing, cleaning and post processing parameters, and **N3xtDimension® UV-curable material N3D-GEN976** to deliver flawless surface finish unlocking a wide spectrum of available colors and customized mechanical properties.



Rapid Shape and Arkema announce a strategic partnership to push additive manufacturing forward through a range of **N3xtDimension® custom formulations** tailored for high performance in Rapid Shape's DLP 3D printers. Rapid Shape's DLP machines are built for industrial manufacturing, offering reliability, efficiency and high-resolution capabilities. The Rapid Shape Inline brings end-to-end automation to vat polymerization enabling production of thousands of parts without human touch. Arkema's UV-curable materials, designed to elevate printing precision and versatility, will be accessible across Rapid Shape's open platform systems for precise modelling to high-volume industrial applications.



3YOURMIND, manufacturing software provider and Arkema continue their journey to expand **Easy3D**, a digital platform for advanced material recommendations and on-demand development, by adopting N3xtDimensions® liquid resin solutions and services. Customers can now access and experience the easy adoption of UV-curable liquid resin materials and reach qualified suppliers with this end-to-end 3D printing technology solution.



Advanced Laser Materials (ALM), an **EOS** company and leading materials developer for industrial Selective Laser Sintering (SLS) 3D printers, collaborates with Arkema to offer **PEKK-100 powder** based on **Kepstan® PEKK to all EOS P810 users**. This high temperature material exhibits the best combination of ductility, electrical insulation and reusability in its category opening new applications in very demanding industries such as Aeronautics, Oil and Gas as well as Electronic and Electrical applications.



Erpro 3D Factory, prominent French service bureau, developed earlier this year an integrated supply chain in Europe to produce 3D printed custom parts made from **Arkema's Pebax® Rnew® elastomers** by selective laser sintering (SLS) technology. Parts made from these innovative elastomers, produced partially from renewable castor beans, are typically specified for their combination of lightweight and outstanding energy return.



To learn more about 3D solutions from Arkema, click here and visit booth #C129- Hall 12.1 at Formnext Expo 2023.

With its unique expertise in materials science, Arkema has a portfolio of world-class technologies to meet the accelerating demand for new, sustainable materials. With the ambition of becoming a pure player in Specialty Materials by 2024, Arkema is today organized around three complementary, resilient and highly innovative segments dedicated to them and representing 91% of the Group's sales in 2022 - Adhesives, Advanced Materials and Coating Solutions - and a competitive and well-positioned Intermediates segment. Arkema offers cutting-edge technological solutions to meet the challenges of new energies, access to water, recycling, urbanization and mobility, and is committed to ongoing dialogue with all its stakeholders. The Group achieved sales of around 11.5 billion euros in 2022 and is present in almost 55 countries with 21,100 employees.

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