

Colombes, 27th April 2023

ARKEMA EXTENDS ITS SUITE OF ADVANCED “INSIDE THE CELL” SOLUTIONS FOR CURRENT AND NEXT GENERATION BATTERIES

As a global innovation leader in Kynar® PVDF electrode binders and separator coatings, Arkema now extends its offer with the launch of its Incellion™ range of sustainable waterborne acrylic solutions for high-capacity anodes, cathode primers and ceramic coated separators.

MORE INNOVATIONS AND POSSIBILITIES FOR EV AND ESS BATTERIES - INSIDE THE CELL

Arkema is a proven supplier to battery cell producers with a long legacy in advanced PVDF binder and separator coating solutions. Now, Arkema has taken a step forward with its broad portfolio of **complementary** technologies.

This new technology offer includes advanced acrylic-based binders, dispersants and rheology additives, marketed under the Incellion™ trademark that allows battery manufacturers to optimize their formulations of electrode and separator solutions tailored for both existing and next generation cell components. **The targeted result is higher cell performance with faster charging, longer life-cycle durability, and increased energy density while ensuring world class safety and environmental compliance.**

A HOLISTIC APPROACH TO ADVANCE BATTERIES ON A GLOBAL BASIS

Arkema is a global partner to the industry, ideally positioned to support its EV and ESS battery customers in all three primary geographic regions across the globe. With innovation centers, manufacturing, and customer support available worldwide, the company enables battery manufacturers to grow within new and existing geographies.

“Arkema has been a pioneer in the battery market and we have built an extensive network of partner customers globally,” said Erwoan PEZRON, senior vice-president of Arkema’s High Performance Polymers business. “It is exciting for us to expand our offer with complementary solutions for our partner customers.”

“These acrylic innovations are enabled by unique synergies across Arkema’s coatings, adhesives, and advanced materials,” added Richard JENKINS, senior vice-president of Arkema Coating Solutions. “This technology reinforces Arkema’s commitment to the new mobility and energy markets.”

With continued growth and investment, Arkema forecasts sales into the EV and ESS battery markets will reach more than €1 billion by 2030.

Arkema is also an innovator in next generation Foranext® electrolyte salts and Graphistrength® carbon nanotubes, and is a supplier of several advanced “outside the cell” adhesive and biopolymer solutions.

To learn more about battery solutions from Arkema, click [here](#), and visit us at one of these upcoming events:

- The Battery Show Europe, Stuttgart, Germany, 23-25 May, 2023
- The Battery Show North America, Novi, Michigan, 12-14 September, 2023

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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