



Progress beyond

Press release

Solvay expands Amodel® PPA capacity to address growth in demand in the automotive industry

The company's investments address strong customer demand for more sustainable polymers that offer a reduced CO₂ footprint.

Alpharetta, GA, September 29, 2022

Solvay announced today it is increasing its [Amodel® polyphthalamide \(PPA\)](#) resin capacity by 15% at its Augusta manufacturing site in Georgia as a result of operational excellence initiatives. The new capacity facilitates the production of innovative and more sustainable Amodel® PPA grades that offer a reduced CO₂ footprint due to manufacturing improvements.

Recognized as one of the most strategic product families for the Materials Global Business Unit, Amodel® PPA has played a critical role in replacing metal in the automotive industry for more than 30 years. Today, as the automotive industry continues to move toward electrification, the Amodel® PPA family is increasingly being used in battery electric vehicles (BEVs), specifically [in electric motors, power electronics and battery technologies](#).

"Driven by the needs of our customers and society, Solvay is not only investing in additional capacity, but also in new breakthrough Amodel® PPA resins for e-mobility and in sustainability at our manufacturing sites." said Brian Baleno, Head of Marketing Automotive at Solvay.

The Augusta manufacturing site has made substantial progress in addressing sustainability, dramatically decreasing the plant's global warming potential by 30% since 2013. Today, 100% of the electricity sourced by the site is renewable, representing a major step forward in reducing the site's carbon footprint. Additionally, the plant has reduced water consumption and non-sustainable waste by 15% and 30%, respectively, compared to a 2018 baseline.

Solvay's continued investment in Amodel® PPA demonstrates a clear commitment to PPA and the automotive industry's transition to e-mobility. The company recently introduced two new product ranges, [Amodel® PPA Supreme](#) and [Amodel® PPA BIOS](#), which are designed to meet the new and challenging requirements of e-motors, power electronics and batteries.

You can learn more about Solvay's new product developments and the company's initiatives to drive sustainability and circularity in the plastics economy by visiting Booth C61 in Hall 6 at K 2022 from October 19-26 in Düsseldorf, Germany. Visit www.solvay.com/en/k-2022 for further details and information about Solvay's live presentations during the show.



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Media contact

Enrico Zanini
B2B Marcom Manager Healthcare, Consumer and Automotive

+39 02 2909 2127
enrico.zanini@solvay.com

About Solvay

Solvay is a science company whose technologies bring benefits to many aspects of daily life. With more than 21,000 employees in 63 countries, Solvay bonds people, ideas and elements to reinvent progress. The Group seeks to create sustainable shared value for all, notably through its Solvay One Planet roadmap crafted around three pillars: protecting the climate, preserving resources and fostering a better life. The Group's innovative solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices, health care applications, water and air purification systems. Founded in 1863, Solvay today ranks among the world's top three companies for the vast majority of its activities and delivered net sales of €10.1 billion in 2021. Solvay is listed on Euronext Brussels and Paris (SOLB). Learn more at www.solvay.com.



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