



Progress beyond

# Solvay's New Ryton<sup>®</sup> PPS Supreme High-Voltage and High-Flow Polymers

**Produced with recycled glass fibers and 100% renewable electricity**

**Brussels, October 4, 2023**

Solvay, a leading global supplier of specialty materials, has announced the introduction of two new [Ryton<sup>®</sup> polyphenylene sulfide \(PPS\)](#) grades as part of the company's growing range of Supreme polymers targeting significant performance leaps in electrification. Ryton<sup>®</sup> Supreme HV and HF are specifically developed to make drivers' lives easier with shorter charging times and greater driving ranges.

"OEMs and Tier 1 suppliers in automotive are constantly seeking ways to improve safety, reliability and sustainability without compromising system cost efficiency," says Brian Baleno, Head of Automotive Marketing at Solvay Materials. "We constantly work with our customers to find solutions to their challenges, leveraging the potential of our materials portfolio and our expertise to bring new innovations to life".

As a high-voltage PPS material, Ryton<sup>®</sup> Supreme HV combines a comparative tracking index (CTI) of 600 V for best-in-class electrical performance and electric thermal index (RTI) >175°C for superior heat resistance with UL94 V0 flammability ratings. This property provides a step-change towards safer and more reliable components in power electronics, such as housings and chip carriers.

Ryton<sup>®</sup> Supreme HF offers high mechanical strength and excellent flowability for 0.3 mm thin-wall components. It can make a significant contribution to miniaturization and package optimization. Target applications include bobbins for stators and insulators, where lower wall-thicknesses reduce the temperature of coils and facilitate reliable thermal management.

The new Ryton<sup>®</sup> PPS Supreme materials will be on display at Solvay's Booth 4213 in Hall B4 during the Fakuma show in Friedrichshafen, Germany. Our experts will appear at the Exhibitor Forum on October 17 at 11:40 hours, presenting '*The Supreme range: designed to meet e-mobility challenges and make drivers' lives easier*'.

*Ryton<sup>®</sup> is a registered trademark of Solvay.*



Solvay's New Ryton® PPS Supreme High-Voltage and High-Flow Polymers. (Photo: Solvay, PR099)

#### About Solvay

Solvay is a science company whose technologies bring benefits to many aspects of daily life. With more than 22,000 employees in 61 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 plan crafted around three pillars: protecting the climate, preserving resources and fostering 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 €13.4 billion in 2022. Learn more at [www.solvay.com](http://www.solvay.com).

#### Press contacts

**Giada Villa**  
**+39 02 2909 2973**  
[giada.villa@solvay.com](mailto:giada.villa@solvay.com)  
**Marketing Communications Manager Automotive**

 Follow us on X @SolvayGroup