

Syensqo Launches New Swyft-Ply™ Brand of Composites for Electronic and Smart Devices

Multifunctional materials leveraging traditional benefits of composites while meeting unique manufacturing and performance requirements

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Syensqo, previously part of Solvay Group, has announced the launch of Swyft-Ply™, a new composite material brand that enhances design options for the [electronic and smart devices market](#). 'Swyft' emphasizes the fast-curing nature of the company's strong and lightweight composites, and 'Ply' reflects the use of multiple material layers in the design of composite parts.

"We have developed Swyft-Ply™ with the electronics and smart devices industry's quick development cycle and high volume manufacturing requirements in mind" explains Andrew Lau, Senior Executive Vice President of Electronics & Industrial at Syensqo Speciality Polymers GBU. "Such requirements include materials that can be processed quickly while enabling reduced secondary manufacturing costs thanks to controlled flow resins and compatibility with other processes such as overmolding. We look forward to witnessing the wider adoption of composites in this market".

"By leveraging our deep knowledge of [composites](#) we have been able to support the Electronics market in adopting this technology" said Marc Doyle, Executive Vice President of Syensqo Composite Materials GBU. "From product formulation to data generation and application engineering, our team has worked hand in hand with our customers to bring their concepts to reality".

Swyft-Ply™ products have been developed to leverage the well-known benefits of composites such as weight reduction and exceptional strength to enable new form factors that are not only thinner but provide more design flexibility and freedom needed by device manufacturers. The Swyft-Ply product portfolio offers the ability to select important material features such as dielectric performance, thermal characteristics as well as UL94 flammability requirements that are of specific interest to our customers.

The Swyft-Ply™ portfolio is based on multiple polymer resin types and reinforcements, available in various material formats, and has been specifically formulated to maximize processing efficiencies through fast-curing, controlled flow and extended storage conditions .

Syensqo will officially introduce Swyft-Ply™ to the market at JEC World 2024 from March 05 to 07 at Booth K58 in Hall 5.



Syensqo has introduced Swyft-Ply™, multifunctional materials that leverage traditional benefits of composites while meeting unique manufacturing and performance requirements (Photo: Syensqo)

About Syensqo

Syensqo is a science company developing groundbreaking solutions that enhance the way we live, work, travel and play. Inspired by the scientific councils which Ernest Solvay initiated in 1911, we bring great minds together to push the limits of science and innovation for the benefit of our customers, with a diverse, global team of more than 13,000 associates in 30 countries.



Our solutions contribute to safer, cleaner, and more sustainable products found in homes, food and consumer goods, planes, cars, batteries, smart devices and healthcare applications. Our innovation power enables us to deliver on the ambition of a circular economy and explore breakthrough technologies that advance humanity.

Learn more at www.syensqo.com

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