



Progress beyond

Solvay launches LTM[®] 350 low-temperature prepreg for unprecedented fast tooling

Carbon fiber epoxy prepreg sets new standards in cost-efficient composite tooling with fast lay-up, fast initial cure and short post-cure cycles

Heanor, UK, September 22, 2022

Solvay introduces [LTM[®] 350](#), a next-generation carbon fiber epoxy prepreg tooling material designed to deliver significant time and cost savings for the industrial, aerospace, automotive and race car markets. The carbon fiber epoxy tooling material offers an industry leading fast, low-temperature cure cycle (3 hrs at 60°C) and can also be cured at temperatures as low as 45°C with an extended post-cure. Tools built from LTM[®] 350 can be continuously cycled at temperatures up to 150°C delivering highly accurate composite parts.

“Our LTM[®] product portfolio has a track record in delivering high-performance composite structures where lower cure temperatures and short manufacturing times are key,” says Greg Kelly, Head of Product and Asset Management for Solvay Composites. “Building on this expertise, LTM[®] 350 represents yet another innovative epoxy prepreg that demonstrates our continuing commitment to help OEMs, sub-contractors and tool builders in the composites industry achieve ambitious productivity targets.”

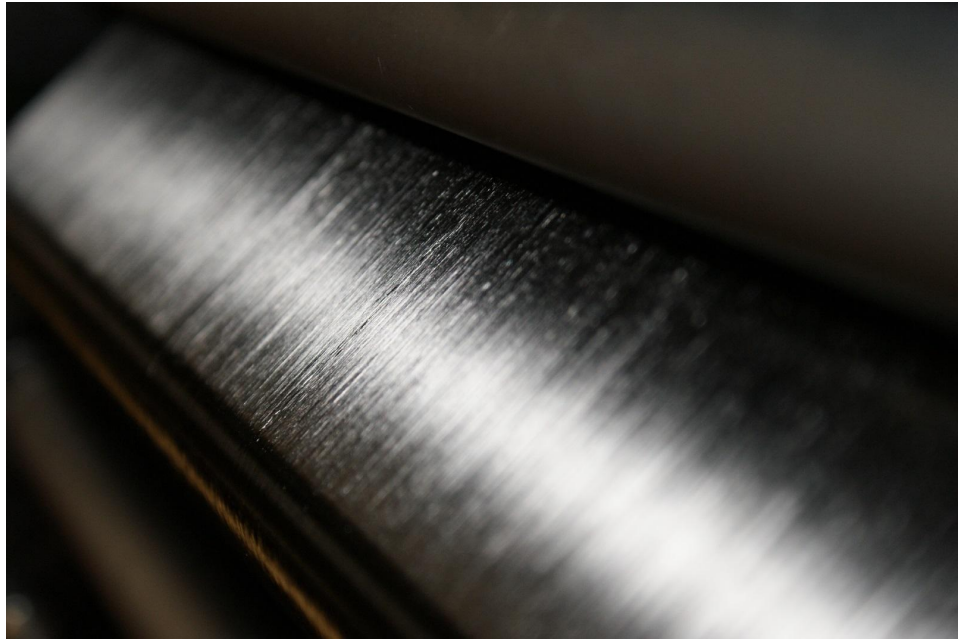
As a low-temperature prepreg with user-friendly tack, drape and handling, LTM[®] 350 was designed to enable the shortest possible lay-up times while providing the highest-quality surface finish, setting new standards in cost-efficient composite tooling. This tooling prepreg has been engineered to support the construction of both small complex and larger composite tools. It is targeted at autoclave applications, but can also be used out-of-autoclave (OOA).

Available in optimized formats for both surface and bulk plies, LTM[®] 350 takes advantage of a 1-5-1 lay-up (surface to bulk plies ratio) saving both valuable time and costs versus a more traditional 1-8-1 format. LTM[®] 350 is manufactured in the United Kingdom, ensuring reliable security of supply across Europe and beyond.

LTM[®]350 is a registered trademark of Solvay.



Related media



Caption. (Photo/Photos: Solvay, PR000)

Press contacts

Claire Michel

+44 7977 530 410

claire.michel@solvay.com

Aerospace B2B Marketing Communications Manager

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.



Follow us on Twitter @SolvayGroup