

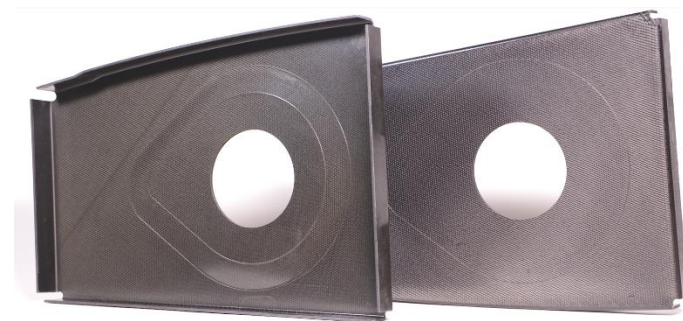


## Solvay launches CYCOM® EP2750, high-rate compression molding prepreg for aerospace primary structures

**Alpharetta, GA, February 24, 2020** --- Solvay introduces CYCOM® EP2750, a market first technology which enables the high rate, cost effective manufacture of aerospace structural parts. This technology combines advanced continuous fiber prepreg materials with an in-depth understanding of the key material and process characteristics required to achieve aerospace quality and performance using compression molding processing technology.

This new prepreg, applicable to both primary and secondary structures, is compatible with multiple reinforcements. The toughened CYCOM® EP2750 prepreg offers high notched compression properties and enables the manufacture of complex geometries with a 30 minute takt time. This new material has proven capable of producing high quality small to medium size parts such as access panels, rib-shapes and C-frames. Automated processing of CYCOM® EP2750 further contributes to the technology's suitability for high rate commercial aircraft programs as well as military and air mobility platforms.

Representative parts will be on display on Solvay's stand M41 at JEC World, Paris, March 3-5 2020. And this technology is one of three finalists in the Aerospace category of JEC World Innovation Awards! Come and talk to our team to find out more about this exciting product and processing technology!



Rib Type Geometry

*(Luchini, T., Rodriguez, A., Rogers S., Bras A., Whysall, A., Russell, R., Lucas, S., Hahn, G. "SPRING FRAME PRESS FABRICATION OF AEROSPACE PRODUCTION COMPONENTS," SAMPE 2019)*



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### About Solvay

**Solvay** is an advanced materials and specialty chemicals company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers worldwide in many diverse end-markets. Its products are used in planes, cars, batteries, smart and medical devices, as well as in mineral and oil and gas extraction, enhancing efficiency and sustainability. Its lightweighting materials promote cleaner mobility, its formulations optimize the use of resources, and its performance chemicals improve air and water quality. Solvay is headquartered in Brussels with around 24,500 employees in 61 countries. Net sales were €10.3 billion in 2018, with 90% from activities where Solvay ranks among the world's top 3 leaders, resulting in an EBITDA margin of 22%. Solvay SA (**SOLB.BE**) is listed on Euronext Brussels and Paris Bloomberg: **SOLB.BB** - Reuters: **SOLB.BR**), and in the United States its shares (**SOLVY**) are traded through a level-1 ADR program. *(Figures take into account the planned divestment of Polyamides).*

### About Solvay Composite Materials

Solvay's new Global Business Unit Composite Materials is a global provider of technologically advanced lightweighting material solutions that enable our customers in the aerospace, automotive and other demanding industries to design, develop and efficiently manufacture high-quality, high-performance and complex composite structures. Composite Materials has the most extensive product portfolio, including prepregs, resin systems, adhesives and surfacing films, carbon fiber, textiles, tooling and vacuum bagging consumables, thanks to its leadership in advanced materials science, chemistry and application engineering. Solvay Composite Materials combines the former Cytotec Aerospace Materials and Industrial Materials businesses.

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