

Solvay materials airborne on unique wing structure of MC-21 Russian plane

Tempe, May 30th 2017 - Solvay congratulates United Aircraft Corporation and AeroComposit on the first flight of the MC-21 aircraft. The MC-21 is the only single-aisle passenger plane with composite wing structures manufactured by AeroComposit with [out-of-autoclave](#) resin infusion technology.

Solvay's resin infusion material technology was selected to manufacture the wing structures which included dry carbon fiber slit tape [PRISM® TX 1100 and PRISM® EP 2400](#) toughened resin.

"For Solvay, the choice of United Aircraft Corporation and AeroComposit to use out-of-autoclave carbon fiber composites to manufacture primary structure components such as wings, is a significant step in the wider adoption of these materials in large aircraft primary structures. Our unique technology improves the design and manufacturing efficiency of complex parts, offering cost benefits as well as critical advantages in lightweighting and fuel efficiency," said Carmelo Lo Faro, President of Solvay's Composite Materials Global Business Unit. *"We wish the MC-21 team success in the next stages."*

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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 Cytec Aerospace Materials and Industrial Materials businesses.

About Solvay

Solvay is a multi-specialty chemical company, committed to developing chemistry that addresses key societal challenges. Solvay innovates and partners with customers in diverse global end markets. Its products and solutions are used in planes, cars, smart and medical devices, batteries, in mineral and oil extraction, among many other applications promoting sustainability. Its lightweighting materials enhance 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 27,000 employees in 58 countries. Net sales were € 10.9 billion in 2016, with 90% from activities where Solvay ranks among the world's top 3 leaders. 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.

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