

Solvay launches Tegralite™ thermoplastic lightweighting solutions to improve time and cost efficiencies in aeronautics industry

Brussels, May 21, 2015 --- Solvay has launched Tegralite™, a family of high performance lightweighting materials which offer the aeronautics industry new downstream solutions and part making capabilities that improve fuel efficiency and speed up the production, refurbishment and maintenance of planes at a lower cost.

Solvay's Tegralite™ integrates the world's broadest range of high performance polymer products from Solvay's Specialty Polymers Global Business Unit and the complementary skills of its specialized partners, 3A Composites, Aonix and JSP, through a global network that is open for expansion.

"Tegralite's™ package of integrated solutions intends to address the order back log in commercial aviation, which has been growing by 70 percent in the past four years," said Augusto Di Donfrancesco, President of Solvay's Specialty Polymers GBU. "This new avenue of growth addresses the rising need to substitute metal or heavier plastic parts with multi-functional thermoplastic materials able to resist shock, impact, high temperature, fire, chemicals and noise."

The industry's entire value chain of part-, system- and aircraft-makers as well as airlines, stands to benefit from Tegralite™'s materials which will help simplify today's complex supply chain, enable more part commonality and ultimately roll out planes faster as more people travel. It meets the industry's drive to lower costs and increase efficiency by replacing hand made labor or facilitating on board repairs.

Solvay's alliance with 3A Composites makes available for the first time and in large quantities a new generation of aerospace foams. Its partnership with JSP opens up fast and easy access to 3D foam parts, a technology already widely used in the automotive sector. With Aonix, Solvay propels the development of innovative high- and ultra-performing prepreg systems as well as new sandwich materials and structures. Solvay complements the offering with its tailored multi-layer functional and decorative surfaces.

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As an international chemical group, [SOLVAY](#) assists industries in finding and implementing ever more responsible and value-creating solutions. Solvay generates 90% of its net sales in activities where it is among the world's top three players. It serves many markets, varying from energy and the environment to automotive and aeronautics or electricity and electronics, with one goal: to raise the performance of its clients and improve society's quality of life. The group is headquartered in Brussels, employs about 26,000 people in 52 countries and generated 10.2 billion euros in net sales in 2014. Solvay SA ([SOLB.BE](#)) is listed on [NYSE Euronext](#) in Brussels and Paris (Bloomberg: [SOLB:BB](#) - Reuters: [SOLB.BR](#)).

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