

Solvay to Showcase Advances in Lightweighting Solutions, Additive Manufacturing and Sustainability at K 2016

Brussels, Belgium, July 28, 2016 – Solvay will mark its presence at K 2016 by sharing the latest news about its cutting-edge, lightweighting materials, additive manufacturing technology and sustainability solutions. Exhibiting in booth C61 in Hall 6 under the banners *More Protection*, *More Freedom* and *More Future*, Solvay's participation in the event will showcase new products, innovative customer applications, manufacturing updates and leading viewpoints on industry trends. The company will also share perspective on its strategic transformation following the recent acquisition of Cytec's composite materials, additive stabilization solutions and specialty chemical businesses.

Accelerating advances in polymer chemistry and composites manufacturing are driving once unimaginable opportunities for lightweighting in industries from automotive to aerospace. Solvay experts will be on hand to discuss the company's broader strategic outlook for this important trend. These range from Solvay's high-performance polymers for metal replacement in today's down-sized, turbocharged automotive engines to its growing TegraLite™ material technologies, which aim to reduce fuel consumption, increase efficiencies and accelerate development of cost-effective, lightweight solutions for the aeronautic industry. Solvay will also share further updates about the Polimotor 2 all-plastic race engine, designed and developed by industry pioneer Matti Holzberg.

Solvay will introduce a new Technyl® product offering dedicated to the automotive market: a new series of heat performance polyamide 6.6 (PA6.6) for thermal management applications.

Further insights into Solvay's commitment to lightweighting will be shared during K 2016 at a presentation by Sandra McClelland, Business Manager for Transportation at Solvay's Specialty Polymers global business unit. Scheduled to speak on October 21 at *Plastic Europe's* booth (C40, Hall 6) during the K's Lightweighting theme day, McClelland, who is also the Chairperson for the American Chemistry Council's Plastics Division Auto Team, will spotlight how advanced polymers are helping reduce CO₂ emissions by lowering vehicle weight.

Solvay's additive manufacturing solutions (i.e. 3D printing) will also figure prominently at K 2016. In addition to advances in leveraging specialty polymers for additive manufacturing, the company will introduce new additions to its Technyl® Sinterline® polyamide (PA) powders line. These new products are specially designed for 3D printing applications and for development of 3D printed prototypes for small series, predictive performance simulation and functional testing.

Sustainability, another hot topic at K 2016, is a hot topic for Solvay as well. Resulting from its Move 4earth® project, Solvay will launch Technyl 4earth® premium recycled solutions for eco-designed applications. Move 4earth® is a breakthrough recycling process able to revalue technical textile waste – initially from airbags – into high-quality PA6.6 grades with performance comparable to prime material.

During the event, the company also plans to feature high-performance materials used for binders and separators for lithium ion batteries that help enhance safety and performance. Solvay will also showcase its Cyasorb Cynergy Solutions® for ultraviolet (UV) stabilization that help polymers resist degradation due to sunlight and other sources such as fluorescent lighting.

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About Solvay

An international chemical and advanced materials company, Solvay assists its customers in innovating, developing and delivering high-value, sustainable products and solutions which consume less energy and reduce CO2 emissions, optimize the use of resources and improve the quality of life. Solvay serves diversified global end markets, including automotive and aerospace, consumer goods and healthcare, energy and environment, electricity and electronics, building and construction as well as industrial applications. Solvay is headquartered in Brussels with about 30,000 employees spread across 53 countries. It generated pro forma net sales of € 12.4 billion in 2015, with 90 percent made from activities where it ranks among the world's top 3 players. Solvay SA ([SOLB.BE](#)) is listed on Euronext in Brussels and Paris (Bloomberg: [SOLB.BB](#) - Reuters: [SOLB.BR](#)).

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