

Solvay Announced at Chinaplas 2014 New Glass-Filled Sinterline™ Technyl® Powders for Functional Prototyping

*High-performance PA6 powders for additive manufacturing
speeds the way from design to market*

Lyon, FRANCE – May 7, 2014 – Solvay Engineering Plastics, a global leader in advanced polyamide solutions, introduced at Chinaplas 2014 a new 40% glass-filled grade of its range of Sinterline™ polyamide 6 powders designed for Selective Laser Sintering (SLS). The new material meets a growing demand for higher-performance rapid prototyping and low-volume series applications in China and other Asian markets, with a focus on engineering plastics applications in automotive under-the-hood components, electrical and consumer goods.

Based on the same resin chemistry as Solvay's established Technyl® polyamides, Sinterline™ delivers prototyping parts with functional properties and bridges the gap between visual prototyping and injection molded PA6 or PA6.6 components.

Yannig Berthe, Prototyping Service Manager at Mecaplast Group, a European leader in automotive equipment: *"Today, the rapid prototyping of new developments is key to allow OEMs and Tier 1 suppliers gain time-to-market, and the closer to the final product we are on prototypes, the more efficient our final qualification trials will be."*

"We are extremely interested in the possibilities of benefiting from a material such as this 40% glass reinforced Sinterline grade which allows the rapid creation of functional parts combined with enhanced mechanical and thermal properties," added Anthony Guerin, Handles R&D Expert at U-Shin, a worldwide leader of vehicle security systems.

This opens significant time and cost savings for OEMs and Tier 1 suppliers e.g. in the automotive industry, as it can provide more predictable results in functional prototype testing, minimise the need for pre-production tooling and thus speed the way from design to market. In addition, Sinterline™ also has an ideal fit in small-series PA6 applications, such as for heavy-duty vehicles, motorsports and automotive aftermarket parts.

"Rapid prototyping is characterized by growth rates of 15% to 20% each year, and the Chinese market has emerged as one of the most dynamic Asian investors in additive manufacturing technology," says Albert Huang, Automotive Market Manager for Solvay Engineering Plastics. *"Our new glass-filled Sinterline™ supports this growth in automotive and a wide range of other key markets, where Solvay is already playing a leading role with Technyl® polyamides."*

In addition to superior mechanical performance under demanding thermal conditions, the new 40% glass-filled Sinterline™ powder grade introduced at Chinaplas exhibits a tensile modulus of 6300 MPa at 23°C, combined with a low porosity level of only 1,8%, without compromising the surface aspect and resolution delivered by unfilled Sinterline™.

Solvay made the announcement at Chinaplas 2014 held from April 23-26 at Shanghai International Expo Center where the company displayed breakthrough innovations and materials which help improve the quality of daily life across five central themes: Move, Connect, Energize, Live and Care.

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[™] Sinterline is a trademark of Solvay.
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About Solvay Engineering Plastics

Engineering Plastics, the global specialist in polyamide-based engineering plastics, has for the past 60 years developed, manufactured and marketed, under the brand Technyl®, a complete range of high performance plastics for the automotive, electrical, construction and consumer goods markets. With a growth strategy bolstered by six production sites worldwide, Engineering Plastics employs its expertise and innovation capabilities in order to more closely serve the needs of its customers, through a global network of technical and R&D centers. Learn more at WWW.TECHNYL.COM.

About Solvay

As an international chemical group, Solvay (WWW.SOLVAY.COM) 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 aerospace 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 29,400 people in 56 countries and has generated 9.9 billion euros in net sales in 2013. Solvay SA (**SOLB**) is listed on **NYSE EURONEXT** in Brussels and Paris (Bloomberg: **SOLB:BB** – Reuters: **SOLB.BR**).

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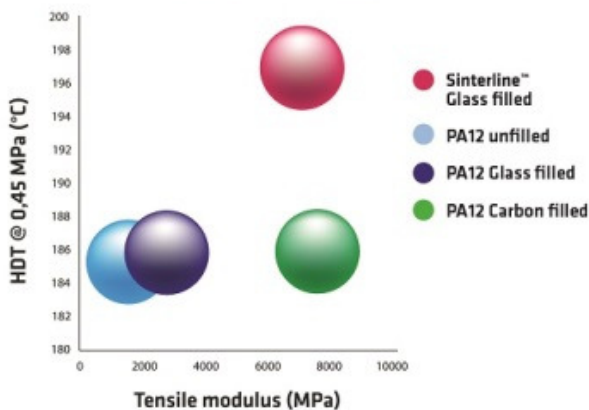


Admission pipe for Yamaha racing motorbike made of Sinterline™ Technyl® Powders



Automotive air intake manifold made with Sinterline™ Technyl® Powders

HIGHER THERMAL AND MECHANICAL PERFORMANCES



High thermal and mechanical performances with Sinterline™ Technyl® Powders

Sinterline™ Technyl® Powders