Press release

Evonik to become a partner in HP Inc.'s Open Platform program for new 3D printing materials

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Evonik Industries is driving forward its commitment to the attractive 3D printing market: The specialty chemicals company will participate in HP Inc.'s Open Platform program and introduce new customized powder materials to the market for HP Multi Jet Fusion™ technology.

As a result of active participation in HP's Open Materials program, Evonik expects to see further development in additive manufacturing technologies in the direction of large-scale production of components, such as those used in the automotive and aircraft industries. Therefore, the Group intends to launch special powder materials for this innovative 3D printing technology in HP's Open Platform program.

"HP's Multi Jet Fusion™ technology opens up new 3D printing applications and, in doing so, creates the basis for researching new materials for the future," says Dr. Matthias Kottenhahn, head of Evonik's High Performance Polymers Business Line.

Years of experience in the development of polyamide powders

Evonik has been developing special polymer materials that enable the industrial manufacture of high-tech components in 3D printing for many years. The polyamide 12-based powders from the VESTOSINT® brand enable outstanding processing quality and are designed to suit the 3D printing technology profile of properties perfectly.

VESTOSINT® is a modified polyamide-based powder that is produced at Evonik's Marl site in Germany using the company's own special process. The Group is currently expanding its existing annual capacity for VESTOSINT® in order to meet amongst other things the rising demand for 3D printing. The new production line is scheduled to start operations at the end of 2017.

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Caption: Examples of components manufactured with 3D printing using VESTOSINT® polyamide 12 powder.

About Resource Efficiency

The Resource Efficiency segment is led by Evonik Resource Efficiency GmbH and supplies high performance materials for environmentally friendly as well as energy-efficient systems to the automotive, paints & coatings, adhesives, construction, and many other industries. This segment employed about 8,600 employees, and generated sales of around €4.3 billion in 2015.

About Evonik

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 billion.

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