

Evonik and HP Inc. cooperate in 3D printing

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Evonik Industries and HP Inc. are intensifying their cooperation in the development of new plastic powders for 3D printing. As the first materials manufacturer, the specialty chemicals company will place a certified product VESTOSINT® 3D Z2773 on Hewlett Packard's "Open Platform Program".

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"Through the close partnership with HP and our active participation in the open platform program we anticipate further impetus in the development of new plastic powders for 3D printing use", said Dr. Matthias Kottenhahn, Head of the Business Line High Performance Polymers of Evonik.

"Evonik is demonstrating its leadership and commitment to innovation by introducing the first certified material for the HP Open Platform," said Tim Weber, Global Head of 3D Materials & Advanced Applications, *HP 3D Printing*. "HP and Evonik announced the collaboration in the HP Open Materials program in May, and Evonik is showing the industry how quickly an expanded materials offering can be developed using an open platform approach."

The new PA-12 powder from the segment of Resource Efficiency Evonik convinces with superior mechanical properties and is FDA compliant, as the components printed on the basis of VESTOSINT® can be approved by the Food and Drug Administration for food contact. So, the use of additive manufacturing technologies in food production equipment components which require flexibility due to limited quantities or unique, complex designs is conceivable.

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Custom polymer powders for 3D printing

Evonik has developed and produced special plastic materials, which allow for the industrial production of high-tech components

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in using 3D printing technologies for years. Polyamide 12-based powders VESTOSINT® convince with their high quality and processing capabilities, and the property profile of each powder is perfectly matched to the respective 3D printing technology.

Additional information at www.vestosint.com

Learn more about the high-performance powders VESTOSINT® at Stand B28, Hall 6 at the plastics trade fair in Dusseldorf from October 19th to 26th.

Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals, operating in the Nutrition & Care, Resource Efficiency and Performance Materials segments. The company benefits from its innovative prowess and integrated technology platforms. In 2015 more than 33,500 employees generated sales of around €13.5 billion and an operating profit (adjusted EBITDA) of about €2.47 billion.

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.

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