

December 3, 2013

Stratasys Introduces Tough Unfilled Nylon for Additive Manufacturing

Company also introduces double-capacity canisters for three popular materials

MINNEAPOLIS & REHOVOT, Israel--(BUSINESS WIRE)-- [Stratasys Ltd.](#) (Nasdaq: SSYS), a manufacturer of 3D printers and materials for personal use, prototyping and production, today introduced FDM Nylon 12, the first nylon material specifically engineered for the company's line of Fortus 3D Production Systems.



Stratasys believes that with FDM Nylon 12, its Fused Deposition Modeling (FDM) technology creates tougher, more flexible unfilled nylon parts than other additive manufacturing technologies can. FDM Nylon 12 offers up to five times greater resistance to breaking and better impact strength compared to even the strongest FDM materials. The new material's elongation-at-break specification surpasses that of other 3D printed nylon 12 material by up to 100 percent based on published specifications. This can create new opportunities for manufacturers in aerospace, automotive, home appliance and consumer electronics to more easily create durable parts that can stand up to high vibration, repetitive stress or fatigue. Examples include end-use parts, like interior panels, covers, environmental control ducting and vibration-resistant components, as well as tools, manufacturing aids, and jigs and fixtures used in the manufacturing process.

"Nylon is one of the most widely used materials in today's plastic products, and among FDM users it has been one of the top requested materials," said Fred Fischer, Stratasys materials product director. "It is also the first semi-crystalline material and the toughest material Stratasys has ever offered. We expect it to be used for applications requiring repetitive snap fits, high fatigue endurance, strong chemical resistance, high impact strength or press-fit inserts. This material offers users a clean, simple way to produce nylon parts with an additive process."

FDM Nylon 12 is available for the Fortus 360, 400 and 900 systems. FDM Nylon 12 is initially offered in black, and is paired with SR110, a new soluble support material optimized for FDM Nylon 12. Support removal requires virtually no labor and is conveniently washed away in the same cleaning agent as other FDM soluble supports.

In addition to being tough, FDM Nylon 12 is chemical resistant, so it is expected to be used in automotive applications. (Photo: Business Wire)

inquire about special promotional pricing.

Interested customers should contact their local Stratasys reseller to

More information about FDM Nylon 12 is available on the Stratasys website at: www.stratasys.com/materials/fdm/nylon.

Xtend 184 high capacity material canisters deliver increased unattended operation; allow weekend builds.

In other Stratasys news, today the company also introduced Xtend 184 double-capacity canisters for three popular Fortus materials: ABS-M30, Polycarbonate, and Ultem™ 9085. Xtend 184 canisters have twice the material capacity in the same size container as current Fortus material canisters. Xtend canisters reduce downtime for canister swapping by enabling up to 100 hours of unattended run-time, which allows weekend builds for extra-large parts.

For further information on Stratasys 3D Printers and materials call:

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Stratasys Ltd. (Nasdaq: SSYS), headquartered in Minneapolis, Minn. and Rehovot, Israel, manufactures 3D printers and materials for prototyping and production. The company's patented FDM[®] and PolyJet[®] 3D printing technologies produce prototypes and manufactured goods directly from 3D CAD files or other 3D content. Systems include 3D printers for idea development, prototyping and direct digital manufacturing. Stratasys subsidiaries include MakerBot and Solidscape, and the company operates the RedEye digital-manufacturing service. Stratasys has more than 1600 employees, holds over 500 granted or pending additive manufacturing patents globally, and has received more than 20 awards for its technology and leadership. Online at: www.stratasys.com or <http://blog.stratasys.com>

Cautionary Statement Regarding Forward-Looking Statements

Statements regarding Stratasys' beliefs, intentions and expectations, including without limitation statements regarding the development and performance of our products and the potential growth of our industry and market, are forward-looking statements (within the meaning of the United States federal securities laws). The statements involve risks and uncertainties, both known and unknown, that may cause actual results to differ materially from those projected. Actual results may differ materially due to a number of factors, including the risk and uncertainty relating to Stratasys' ability to penetrate the 3D printing market; its ability to achieve the growth rates experienced in preceding quarters; its ability to introduce, produce and market both existing and new consumable materials, and the market acceptance of these materials; the impact of competitive products and pricing; its timely development of new products and materials and market acceptance of those products and materials; the success of Stratasys' recent R&D initiative to expand the DDM capabilities of its core FDM technology; and the success of Stratasys' RedEye On Demand[™] and other paid parts services. This list is intended to identify only certain of the principal factors that could cause actual results to differ. These and other applicable factors are discussed in this presentation and in Stratasys' Annual Report on Form 20-F for the year ended December 31, 2012, as well as other filings that Stratasys, Inc. has made with the SEC and that Stratasys Ltd. has made and will make with the SEC in the future. Any forward-looking statements included in this presentation are as of the date they are given, and Stratasys is not obligated to update them if its views later change, or to reflect the occurrence of unanticipated events, except as may be required by law. These forward-looking statements should not be relied upon as representing Stratasys' views as of any date subsequent to the date they are given.

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Photos/Multimedia Gallery Available: <http://www.businesswire.com/multimedia/home/20131203005394/en/>

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