

3D printing service enables fast delivery of tribo-plastic prototypes

At the Hannover Messe, the specialist for plastics in motion introduces its new service for tribo parts

Hanover/Cologne, April 15, 2015 - Those who need prototypes or special plain bearings in the future will be able to get even faster solutions supplied by igus. A year ago at the Hannover Messe the expert for motion plastics and high-performance plastics for moving applications, presented the world's first tribo-filament for 3D printers. Now igus has expanded its range of offers and will now provide a 3D printing service to its customers by delivering special parts even faster and at very affordable prices.

From the Hannover Messe onwards, igus will offer a 3D printing service with the in-house tribo-filament and will take over the complete production of special parts. "Our customers can contact us with their 3D data and get their parts quickly and easily printed by us," says Tom Krause, Product Manager at igus iglidur[®] tribo-filament. "This is what we have been occasionally carrying out in recent months and now want to offer this service to all our customers." igus has expanded its potentials with the tribo-filament, which is 50 times more abrasion resistant than conventional 3D printing materials and delivers even more unusual geometries quickly and easily. The delivery times for printed parts are mainly dependent on the complexity of the components. 'From 24 hours' is a statement that is also true for these igus products

Calculate prices and order online

The service for customers is made as simple as possible up to the finished component. The data can be uploaded on the igus website and the components ordered. The prices are also determined automatically online, and similar to the indication of the delivery time, the price also depends on the complexity and the structure of the component. "It is also possible for us to print components from two different plastics," says Tom Krause. "That means it can print either very complicated components in which the support material dissolves, or the component is printed from a normal ABS and only the sliding

surfaces are made of our abrasion-resistant iglidur I180-PF." At the Hannover Messe, igus offers, as a first step, components such as worm gears from this first low wear tribo-material. In the future, complex shapes can be printed from more iglidur[®] standard materials to offer users more creative freedom in their designs.

PRESS CONTACT:

Oliver Cyrus
Head of PR and Advertising

igus[®] GmbH
Spicher Strasse 1a
51147 Cologne
Tel. 0 22 03 / 96 49-459
Fax +49 22 03 / 96 49-631
ocyrus@igus.de
www.igus.de/de/presse

ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 36 countries and employs around 2,700 people around the world. In 2014, igus generated a turnover of 469 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms 'igus, e-ketten, e-kettensysteme, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, robolink, pikchain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, CFRIP, dryspin, manus and vector' are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

Caption:

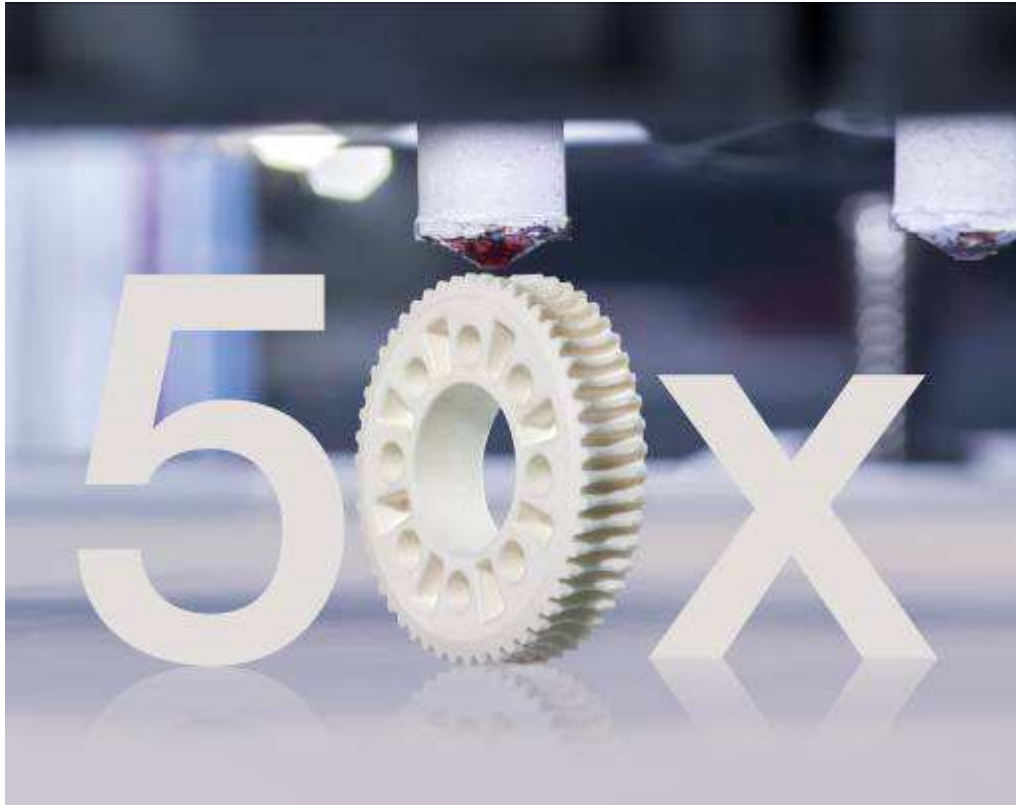


Image PM1415-1

Complex components such as worm gears can be implemented with 3D printing service in a very short time. Thereby they are up to 50 times more abrasion-resistant than comparable components manufactured in the 3D printing. (Source: igus GmbH)