Press Release Sculpteo BASF / 3D Printing

Paris, Heidelberg, June 30, 2020

**Sculpteo and Forward AM by BASF boost their production capacities with three 3D printing material lines for mobility!**

*Sculpteo and BASF Forward AM extend their offer with a line of high-performance 3D printing materials dedicated to transportation and new mobility*

* New high-performance materials parts offering adapted to the automotive industry
* A market-ready offer thanks to Sculpteo
* Approved materials for massive industrial usage

**Paris, Heidelberg, June 30, 2020 - 3D printing service specialist Sculpteo and Forward AM are pleased to announce a new catalogue integrating a range of 3D printing material suitable for vehicles and new mobility. The range was developed by BASF in its two R&D centers in Germany and France and now available as 3D printed parts to BASF Forward AM customers through Sculpteo. Each of the three materials has properties which meet the constrains of the transportation industry: stronger and more resistant to heat, flexible, cost effective, they enable the manufacturing of large parts. Sculpteo, a BASF’s wholly-owned subsidiary which has doubled its production capacity in France, confirms its strategic role by bringing proof of market through manufacturing for its extended portfolio of clients. This market validation accelerates the massive industrial deployment within BASF Forward AM’s customer base.**

Sculpteo and Forward AM announce the integration to their offer of new polymer materials and metal filaments which will be used mainly in transportation and industrial applications for series production. Three large families of materials are offered: Polyamide 6, a technical and rigid material which resists to high temperatures, also offered as flame-retardant version; TPU (Thermo Plastic Polyurethane), a strong and flexible material; and, for the first time on the market, Polypropylene, a low-cost material which is adapted to the industrial-scale manufacturing of large parts. Thus, thanks to Polyamide 6, it is possible to produce under-the-hood parts, ventilators and ventilation grids, headlights housing or brackets. TPU enables the manufacturing of intake pipes, joints, bellows or customized cockpits and dashboard elements. With Polypropylene, it is possible to produce reservoirs or connection parts. In addition to this new material offerings, Sculpteo already offers metal 3D printed parts thanks to Ultrafuse® 316L as well as big parts printing with BASF Ultrafuse® on BigRep machines, allowing to print parts up to 1mx 1m.

Developed with its subsidiary Sculpteo in BASF’s two R&D centers in Germany (Ludwigshafen) and in France (Frontonas), these new materials have already been made available by Sculpteo to its clients subcontracting 3D printing. They are integrated in BASF Forward AM’s catalogue of 3D printing materials. Sculpteo, at the forefront of 3D printing, establishes the relevance of these materials in 3D printing by giving its clients access to the materials, with the objective of enabling a massive industrial commercialization by BASF Forward AM.

“*By working with Sculpteo, Forward AM has an agile, market-oriented partner which allows the company to quickly validate materials and rapidly deploy them among its industrial clients integrating 3D printing”,* explains Dr. Dietmar Bender, Managing Director Forward AM.

Clément Moreau, CEO and Co-Founder of Sculpteo, adds “*We are happy to provide our clients with an extended portfolio of materials. These technological materials give industries the freedom of envisioning and developing devices which will revolutionize mobility at a much higher pace*”.

**BASF Forward AM’s 3D printing factory powered by Sculpteo**

For around a decade already, Sculpteo has operated an online platform with integrated production for the manufacturing of prototypes, individual objects, and serial production components with a range of different additive manufacturing technologies. Customers in various industrial sectors around the world use the Sculpteo service to produce new components rapidly, reliably and at a lower price. Thanks to its direct contact with the market, Sculpteo can monitor the needs of its clients and establish more rapidly, together with BASF, the relevance of new materials. BASF Forward AM will thus be able to deploy these materials to industrials which have their own 3D printing units, at a much higher pace.

**A booming industrialization center**

Sculpteo’s specificity is to significantly shorten the delays between the decision-making of customers, production, and delivery. Sculpteo has recently invested 2 million € in the acquisition of new 3D-printing machines for laser-sintering from the United States, Germany, France, and China. Between 2019 and 2020, the surface dedicated to 3D printing doubled from 800 to 1 600 m². Gathering today a team of 50 employees, Sculpteo recruited technicians and operators to manage this fleet. In a growing market, Sculpteo can therefore deliver new orders more rapidly and keep the pace. Since June 1st, its order rate has recorded a tremendous growth.

Please click [here](https://www.dropbox.com/sh/kbkjgfys4yyy4fc/AAAK2DLPXW-MH5caw3aD1sSEa?dl=0) to access visuals of the materials

For more information about the materials, please click [here](sculpteo.com/en/high-performance)

**About Sculpteo**

Sculpteo, pioneer and specialist of digital manufacturing, offers a service of online 3D printing. Sculpteo provides an online platform to securely upload 3D files and select from 75+ materials and finishing options. Professional engineers and technicians produce parts on industrial 3D printing technologies before sending them to businesses and individuals around the world. Based in Paris and San Francisco, Sculpteo offers on-demand 3D printing and manufacturing at a large scale for start-ups, SMEs and design studios. Sculpteo offers its professional 3D printing service alongside its expert Design Studio to help businesses integrate additive manufacturing into their product development and production systems. Sculpteo was created in 2009 by Eric Carreel and Clément Moreau. It was acquired by BASF New Business GmbH in November 2019.

For more information: [www.sculpteo.com](http://www.sculpteo.com)

**About BASF 3D Printing Solutions**

BASF 3D Printing Solutions GmbH, headquartered in Heidelberg, Germany, is a 100% subsidiary of BASF New Business GmbH. It focuses on establishing and expanding the business under the Forward AM brand with advanced materials, system solutions, components and services in the field of 3D printing. BASF 3D Printing Solutions is organized into startup-like structures to serve customers in the dynamic 3D printing market. It cooperates closely with the global research platforms and application technologies of various departments at BASF and with research institutes, universities, startups and industrial partners. Potential customers are primarily companies that intend to use 3D printing for industrial manufacturing. Typical industries include automotive, aerospace and consumer goods.

For further information please visit: [www.forward-am.com](http://www.forward-am.com)

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