

News Release

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BASF 3D Printing Solutions Collaborates with Technology Provider ALSO in Distributing BASF Ultrasint® TPU01

- » **Under the Forward AM brand BASF offers the most extensive materials portfolio in the industrial 3D printing market**
- » **By distributing BASF Ultrasint® TPU01, Swiss company ALSO expands the power of its HP Jet Fusion 3D printing portfolio**

BASF 3D Printing Solutions and ALSO, one of the world's leading technology providers, have signed a distribution agreement for BASF Ultrasint® TPU01. This advanced thermoplastic, marketed under the Forward AM brand, is especially suitable for manufacturing the tough, abrasion-resistant and flexible elastic parts required for industrial applications, sports and leisure footwear as well as for the automotive industry. This new material can now be ordered from ALSO with immediate effect throughout Europe. It was specially developed for the HP Jet Fusion 5200 series, an industrial 3D printing system that ALSO already has in its product range.

“By cooperating with ALSO, complimented with the infrastructure of HP, we are able to strengthen the distribution of Ultrasint® TPU01 and improve our network”, explains François Minec, Managing Director BASF 3D Printing Solutions GmbH. In combination with suitable lattice structures, this outstanding thermoplastic opens up new geometry options for developers and designers – especially in areas

requiring flexible structures and shock absorption. The properties of Ultrasint® TPU01 combined with the advantages of HP Multi Jet Fusion provide customers with ideal capabilities for prototyping and manufacturing applications such as small-batch production of protective casings and coverings, complex pipe networks, grippers and gaskets and shoes. “Additive manufacturing will only become a genuine production process alternative once the choice of materials is right and the result is convincing”, says Gustavo Möller-Hergt, CEO of ALSO Holding. “With this BASF material we are expanding the capabilities of our HP Jet Fusion 3D printing portfolio to include an extremely high-quality product that can be used in the production of a wide range of goods and components – from sports shoes to automobiles.”

About 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 as well as 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.

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 122,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into six segments: Chemicals, Materials, Industrial Solutions, Surface Technologies, Nutrition & Care, and Agricultural Solutions. BASF generated sales of around €63 billion in 2018. BASF shares are traded on the stock exchange in Frankfurt (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information is available at www.basf.com.

About ALSO Holding AG

ALSO Holding AG (ALSN.SW) (Emmen, Switzerland) brings ICT industry providers and buyers together. ALSO offers more than 550 vendors of hardware, software and IT services access to over 100,000 buyers representing a broad spectrum of further customized services in the logistics, finance, and IT services sectors, as well as in traditional distribution services. From the development of complex IT landscapes, the provision and maintenance of hardware and software, right through to the return, reconditioning and remarketing of IT hardware, ALSO is a one-stop shop and full-service provider. ALSO is represented in 23 European countries and generated total net sales of

approximately 9.2 billion euros with around 4,000 employees in the fiscal year 2018. The majority shareholder of ALSO Holding AG is the Droege Group, Düsseldorf, Germany. Further information is available at: <http://also.group>