

Press Release

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Forward AM Launches Daylight Product Line “Ultracur3D® EPD – Powered by Photocentric” for 3D Printing

- » **New Engineering Plastic Daylight (EPD) photopolymer product line enables a wide range of versatile 3D applications at competitive cost**
- » **Market launch with two new resins for functional parts capable of movement and flexibility without breaking**
- » **Partnership with Photocentric contributes to further industrialization of mass-scale Additive Manufacturing**

Forward AM, the brand of BASF 3D Printing Solutions, is launching the Engineering Plastic Daylight Ultracur3D® product portfolio, as part of its strategic partnership with Photocentric, a leading manufacturer of 3D printing equipment and photopolymer resin materials. The first two materials, Ultracur3D® EPD 1006 and Ultracur3D® EPD 2006, are now available on the market. Parts printed with these resins demonstrate high stiffness and flexibility, meeting the needs of customers with demanding applications in 3D printing such as prototyping, engineering, and serial production automotive parts.

These innovative materials have been developed to work seamlessly with the unique Photocentric LCD Daylight technology, as applied in the Liquid Crystal Magna machine, making large volume printing and high-resolution capabilities possible.

“We believe the excellent combination of Forward AM’s expertise in 3D printing materials, our unique material portfolio, and Photocentric’s advanced printer technology will open the door to cost-competitive component printing and thus make the mass-manufacture of functional end-use parts an industrial reality. Consequently, we are jointly introducing a series of materials dedicated and designed to benefit the customer, with excellent characteristics that perfectly match the technical capabilities of our partner’s printing machines”, explains François Minec, Managing Director BASF 3D Printing Solutions.

“We are excited about launching this great new resin, the Ultracur3D® EPD line, with BASF. Our joint ambition from the outset was to make a significant difference to industrial manufacturing – not just Additive Manufacturing. Our belief has always been that as soon as we provide superior final-part characteristics at credible prices, we will enable the beginning of scaled-up component manufacture. Now for the first time we are creating a genuine and compelling alternative to conventional injection molding tooling”, comments Paul Holt, Managing Director, Photocentric Ltd.

Forward AM and Photocentric are strongly connected through a long-standing strategic partnership. After close R&D collaboration to develop innovative functional materials, the current resin launch represents a new pillar of the alliance. The launch of Ultracur3D® EPD 1006 and EPD 2006 will be closely followed by four additional resins throughout the first quarter of 2021.

For more information on Forward AM’s Ultracur3D® portfolio, please visit our website.



Photo: "Ultracur3D® EPD1006 Powered by Photocentric" is the first in a new portfolio of 3D printing resins developed in partnership with Forward AM (source: Photocentric Ltd).

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 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. More than 117,000 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 €59 billion in 2019. BASF shares are traded on the Frankfurt Stock Exchange (BAS) and as American Depositary Receipts (BASFY) in the U.S. Further information is available at: www.basf.com.