

June 15, 2020

**Mitsubishi Chemical and AM Polymers enter into partnership agreement
on PBT powder product for 3D printing**

Mitsubishi Chemical Corporation
AM Polymers GmbH

Mitsubishi Chemical Corporation (MCC) and German new materials start-up company, AM Polymers GmbH (AMP), announce that we have entered into an exclusive joint development and commercial partnership agreement on polybutylene terephthalate (PBT) powder product for industrial 3D printing.

Located in Germany, AMP specializes in producing and selling thermoplastic powders with "Plug & Play" processability and part performance for selective laser sintering (SLS) and powder bed fusion (PBF) processes. Through this partnership, both parties are jointly developing new powder products for industrial additive manufacturing from PBT feedstock, specially optimized based on MCC's chemical expertise. A beta version of *ROLASERIT® PBT01* powder will be soon unveiled in Europe for client evaluation.

This partnership provides MCC and AMP an opportunity to further expand their product portfolio for 3D printing. SLS/PBF is a process by which users can achieve complex geometries at short production lead time. Coupled with good mechanical properties, PBT powder has much lower moisture absorption characteristics than polyamide 12, a common material for SLS/PBF. Thus, MCC and AMP expect new PBT powder products to be used for industrial applications such as automotive and aerospace. This new partnership enables MCC and AMP to further accelerate growth in the 3D printing area.

About AM Polymers GmbH

AM Polymers GmbH (Managing Directors: Dr.-Ing. Andreas Wegner & Dipl. Ing. Timur Ünlü) is located in Willich, Germany. Founded and commercially active since 2014 to develop, produce and sell thermoplastic powders for 3D printing.

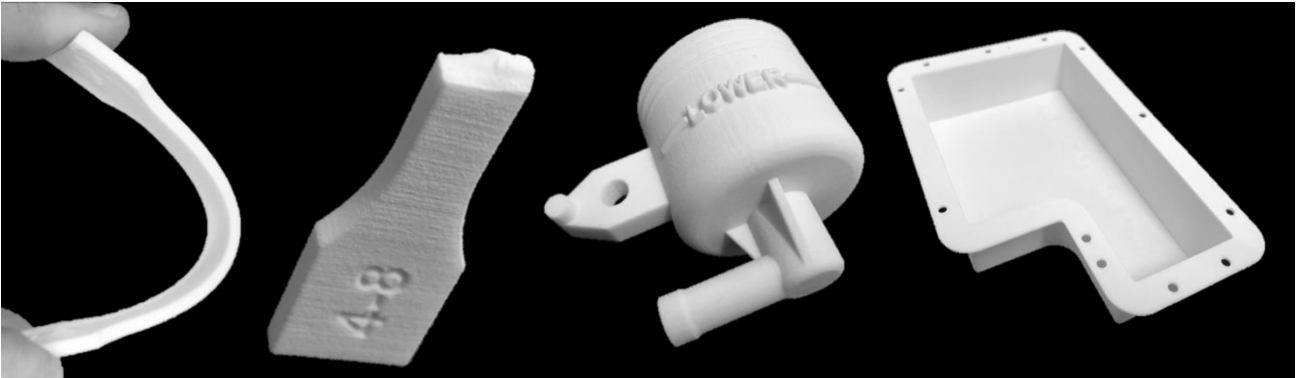


Figure 1: ROLASERIT® PBT01 3D printed parts such as specimen for mechanical characterization, automotive braking fluid pump and electronic control unit case. The broken specimen cross-section is a proof of high ductility due to breakage across and not parallel to the layers similar to traditional injection molding parts.

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