



## P R E S S   R E L E A S E

### **Textechno wins the JEC Innovation award 2016**

Paris, France, JEC March 9, 2016

Textechno, a worldwide leading Germany-based designer and manufacturer of precision testing equipment and systems for textile and man-made fibres, together with the Leibniz Institute for Polymer Research Dresden, proudly announces that they have won the prestigious JEC World Innovation Award 2016 for “A new testing system to access the properties of the fibre to matrix interface”. The celebration of the JEC award winners took place on March 8, 2016 at the JEC World conference in Paris.

The quality of a composite laminate, especially the stiffness, is highly dependent on a good adhesion strength between the reinforcing fibre such as glass or carbon fibre and the polymer matrix.

To accurately and reliably measure the bonding between fibres and resins, Textechno has developed FIMATEST, the first system that is commercially available consisting of the two devices: FIMABOND, which is a partially automated embedding station, suitable for all fibres and resins systems, as well as the high precision pull-out tester FAVIMAT+, which can also be used for single filament linear density and tensile testing.

Dr. Ulrich Mörschel, CEO of Textechno stated: “The FIMATEST system is a new building block for testing the quality of composite laminates with glass or carbon fibre reinforcement. This development was possible through an excellent collaboration with the well-known expert Professor Edith Mäder from the Dresden Leibniz Institute for Polymer Research who contributed the knowledge of the micromechanical behaviour.”

Dr. Michael Effing, CEO of AMAC GmbH and advisor for Composite Materials to Textechno, added: “The Composite market is continuously growing and requires world-class testing systems measuring the quality of the products. The fibre matrix interface is a key feature for mechanical performance. I am very pleased that Textechno has developed this system in a very short time frame and can already present it at the JEC. The first system has been delivered already to the new Fraunhofer ICT Institute for Structural Lightweight in Augsburg/ Germany and another unit has been sold to a glass fiber producer in the USA.”

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Your media contact for further information is:

Alexia Perrotti on behalf of Mona Bielmeier, Marketing and Communications  
Manager, AMAC GmbH

[amac-communications@effing-aachen.de](mailto:amac-communications@effing-aachen.de)

#### About AMAC

AMAC GmbH is an Industrial and Business Consulting Company in the field of lightweight construction materials, based in Aachen, Germany. The business model of AMAC is based on three pillars: establishment and development of networking and clusters between universities and industrial companies, training in Sales and Marketing excellence, as well as Management of Industrial projects in the field of innovations and commercialization.

Dr. Michael Effing is Chairman of the board of the trade associations Composites Germany and AVK.

[www.amac-international.com](http://www.amac-international.com)

#### About Textechno

Textechno GmbH & Co. KG is a leading designer and manufacturer of precision test equipment and systems for textiles and man-made fibres, headquartered in Mönchengladbach, Germany. Established for more than 60 years, Textechno is, together with its subsidiary Lenzing Instruments in Austria, world market and technology leader in the field of man-made fibre- and filament testing. Textechno stands for reliable, innovative and highly automated technology as well as outstanding production quality and sustainable testing systems. Textechno is member of AVK.

[www.textechno.com](http://www.textechno.com)