



Press release

18. February 2019

World leading interface expert Michelman counts on Textechno's FIMATEST for cost-efficient and customized sizing development for composite materials

Michelman, a global developer and manufacturer of environmentally friendly advanced materials, including sizing for glass and carbon fiber, has invested in the FIMATEST adhesion measurement system to ensure their sizing solutions continue to contribute to enhanced performance of composite parts.

"As we continue our vision to be the interface expert, it is critical to have analytical equipment that can efficiently fine-tune our sizing to optimize adhesion properties. This is one of the key performance attributes we provide our customers, and the fact that the Textechno FIMATEST system works according to the fiber pull-out principle makes it extremely valuable", explains Steve Bassetti, Michelman's Global Marketing Director for Industrial Manufacturing. "We have utilized this equipment in our development lab for almost two years, and it is suited for any fiber-matrix combination we have developed. It has been helpful that Textechno developed these instruments because they are, and will continue to be, a great benefit to the entire Composites industry. We look forward to supporting Textechno in establishing more standardization for the Industry regarding fiber-matrix-adhesion and processing properties."

Dr. Ulrich Mörschel, CEO of Textechno, added: "We are proud that Michelman, the industry's leading interface expert, invested in our testing system." Bassetti further elaborated on the system's benefits: "For Michelman's customers, this equipment has allowed for great collaboration, increased screening of sizing concepts, and a more robust and efficient product development process."

Dr. Michael Effing, Senior Advisor to Textechno and one of its relationship managers, "I am happy to support the matchmaking between these two organizations because the market for high-end structural composite applications in the aerospace, automotive and wind energy sectors is growing at a rate of 6 to 8% year over year, representing over \$125B globally. 90% of the market value is glass fiber-based, and 10% is carbon fiber-based. Therefore, reliable testing systems measuring the quality of fibers, fabrics, and the quality of the fiber-matrix adhesion are of tremendous importance to the industry. "

Both Textechno and Michelman will be exhibiting at JEC World 2019 March 12-14,

2019. Visit Textechno in hall 5A, booth D17 and Michelman in hall 5, booth C34.

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About Michelman:

Michelman is a global developer and manufacturer of environmentally friendly advanced materials for industry, offering solutions for the coatings, printing & packaging and industrial manufacturing markets. The company's surface additives and polymeric binders are used by leading manufacturers around the world to enhance performance attributes and add value in applications including wood and floor care products, metal and industrial coatings, paints, varnishes, inks, fibers and composites. Michelman is also well-known as an innovator in the development of barrier and functional coatings, as well as digital printing press primers that are used in the production of consumer and industrial packaging and paper products, labels, and commercially printed materials. Michelman serves its customers with production facilities in North America, Europe and Asia, product development and technical service centers in several major global markets, and a worldwide team of highly trained business development personnel.

www.michelman.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 and just received the JEC innovation award for its new test equipment FIMATEST, a new system for the quality assessment of the bond strength of the fibre matrix in reinforced plastics.

www.textechno.com

About AMAC:

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