

Press release for immediate publication

Mönchengladbach & Aachen, Germany, February 27th 2017

New precision test equipment to measure properties of rovings

Textechno – leading designer and manufacturer of precision test equipment for fibres, yarns and rovings in textile and composite applications – launches its latest equipment ROVINGTEST at JEC in Paris. ROVINGTEST measures the most important properties of rovings all at once.

Dr. Ulrich Mörschel, CEO of Textechno, explains: „The ROVINGTEST can be used to characterize all yarns and rovings made from reinforcement fibres like carbon and glass. ROVINGTEST is worldwide the first ever commercially available multifunctional testing system to measure performance and properties of rovings either all in one or separately.“

One important group of parameters assessed by ROVINGTEST are the friction properties of rovings to metal or ceramics and the existence or generation of broken filaments, e.g. due to the contact with surfaces. Moreover, the friction from roving to roving can be measured, which is an important parameter for instance as input for precise simulations of draping and forming processes.

Dr. Mörschel continues: „Spreading behaviour and homogeneity of filament orientation can also be measured by our new testing system, the latter on carbon fibres. These are especially important in the production of organosheets and tapes. Costly and lengthy trial productions are minimized, reproducible measurement results become comparable and easily accessible for the user. ROVINGTEST hence helps to increase both, processability and the performance of the final composite.

Dr. Michael Effing, CEO of AMAC GmbH and senior advisor for fibre-reinforced plastics to Textechno, adds: "The determination of characteristic values of rovings is very important for the automated processing of the final composite parts. Rovings are used in high volume applications and processes like filament winding of pipes, pultrusion of profiles and multi-axial warp knitting for wind energy rotor blades. Thermoplastic composite tapes are gaining importance and the spreading behaviour of rovings is a key to success. "

ROVINGTEST is available to the market as a full testing system and as a service. Meet Textechno at the JEC World 2017 in Paris, Hall 6, A50 to find out further details.

Your contact for the media:

Mona Bielmeier, Marketing & Communications Manager AMAC GmbH

amac-communications@effing-aachen.de

Tel: : +49 (0) 151 651 79 021

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

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 received the JEC innovation award for FIMATEST, a system for the quality assessment of the adhesion strength between fibre and matrix in reinforced plastics.

www.textechno.com