



Mönchengladbach, Saerbeck and Aachen Germany, September 2021

Textechno reports launch of a new standard for the drapability and deformability of fabrics and non-wovens: ISO 21765

World market leader for precision testing equipment Textechno and their partner SAERTEX, global market leader in non-crimp fabrics (NCF) are proud to announce that the newly developed international standard ISO 21765:2020 to quantify material behaviour in terms of drapability and deformability was recently published by ISO.

The new standard ISO 21765 allows the world-wide comparable measurement of all relevant parameters regarding the deformability and drapability of all kinds of fabrics, including woven fabrics and NCFs as well as knitted fabrics and non-wovens on Textechno's precision testing equipment DRAPETEST. This can be very useful in the carbon fibre recycling since one of the most efficient applications of recycled carbon fibres will be in non-wovens.

This is the first testing instrument world-wide to quantify not only the force which is required for deforming a fabric, but also the various defects such as gaps, undulation, or wrinkles which can arise due to the deformation.

In the frame of a publicly funded project which started in 2011, Textechno developed the award-winning automatic drapability tester DRAPETEST along with other partners, amongst them SAERTEX.

Dietmar Möcke, CTO at SAERTEX says: „With ISO 21765, we finally have a standardized testing method with world-wide validity. It allows us to provide our customers with comparable and reproducible measurement values regarding the draping characteristics of our products.”

Ulrich Mörschel, Managing Director of Textechno adds: “We are grateful for the support from all around the world allowing us to establish the new ISO standard. The standard finally fills a gap in the testing methods for fabrics both in the fields of textiles and composites.”

Dr. Michael Effing, Managing Director of AMAC GmbH and Senior Advisor to Textechno: “A lot of research is dedicated to new production technologies of composites, non-crimp fabrics and classical fabrics for thermosets have with 33 % a significant market share in the production of all composite materials. The application of the new standard for non-wovens from recycled carbon fibres comes perfectly on time for this market sector which will gain more and more importance within the next years.

Your contact for the media:

Mona Ziegler

Marketing Director AMAC GmbH

Amac-communications@effing-aachen.de

+49 (0) 151 651 79 021