



The Fibre Auxiliaries Division operates in a complex environment in rapidly changing markets. With a wide range of products for manufacturing man-made fibres and non-wovens the division became a recognised international supplier of speciality chemicals.

The portfolio of around 200 fibre auxiliaries, lubricants and components is divided into four product groups or submarkets: technical yarn, textile yarn, carpet yarn and staple fibre/nonwoven. Our spin finishes and lubricants are used in very different markets and enter at the very beginning of the value chain in the manufacture of numerous industrial and consumer goods. They ensure the functionality of hygienic disposables, building stabilisers and protective films, tyre cord and needle-punched articles for automotive, geo- and agricultural textiles, carpets and textile filament yarns for the clothing and the home textile sectors. We see ourselves not only as a supplier, but as a partner to the man-made fibre and nonwoven industry. Our strength is our det-ailed knowledge of these specialised markets. It enables us to understand customer requirements precisely and to develop products that ensure a high level of process stability.

KNOWLEDGE ENSURES SUCCESS

Synthetic filament yarns are subject to enormous stress during the spinning process. High spinning speeds increase the friction and so the demands on the spin finishes and auxiliaries. In modern extrusion spinning, the real challenge is to apply the spin finishes quickly and homogeneously at an amount of approximately 0.5 to 1.5% to the filaments. These filaments are moving at extrusion speeds of up to 6,500 metres per minute – or 390 km/h – and have a yarn mass (titre) of just a few dtex – which is up to 15 times finer than a human hair. Thanks to our continuous product development we have been able to establish the product family of Fasavin spin finishes in the market, which enable consistently high yarn quality, both in terms of functionality and homogeneous distribution on the yarn. They guarantee the smooth processing of the yarns and support the entire process chain.

PRACTICAL TESTS GIVE US THE EDGE

Pilot lines for testing new spin finishes and lubricants enable us to transfer products successfully from laboratory to market. Therefore customers can reduce their own trials with new and alternative spin finishes to a minimum. The products of all our four segments are well-established in the market and in some cases have become benchmarks.





SIGNIFICANT MARKET PRESENCE IN BCF CARPET YARNS

The division's roots are in the development of spin finishes for the production of carpet yarns (BCF = bulked continuous filament). In the final product, carpet yarns differ widely in terms of touch and brightness. Besides ensuring process stability, our products affect the properties and functionality of the yarn, on spin-dyed and raw-white polyamide and polyester yarns, or soft to harsh touch of polypropylene yarns. The wide range of products is internationally recognised and has achieved a significant market position.

SPECIALISTS IN STAPLE FIBRE AND NONWOVENS

We have established a strong position with our auxiliaries for staple, filling and short-cut fibres and with customised finishes for nonwovens and needle-punched articles. These products are used in yarn for agriculture, automotive and geotextiles. Further strengths are products providing hydrophilic effects on nonwovens for hygiene disposables, such as the Lertisan HD product line, which are used for diapers and incontinence pads. »HD« stands for »hydrophilic durable«: the hydrophilic properties allow multiple »strike-through« which means that they are not lost after the first contact with liquids but remain available for further fluid transports. The auxiliaries contain only a minimum of water and are formulated in a way allowing a longer shelf life. With our own finishing line we provide a special service – we offer a product presentation on customer's nonwoven.

AN EYE ON ALL CUSTOMER REQUIREMENTS

Joint developments with customers are practised in all product groups and stand for our intensive cooperation with all relevant market participants. Thus we stay in close contact with customers' production and quality management as well as with sales and purchasing. This is how we manage to follow customers' needs and support them to optimise the oil pick-up (OPU) of our products, to minimise emissions and to reduce cleaning and care cycles.

SERVICES ENSURE A WIN-WIN SITUATION

Our services are an effective way of setting ourselves apart from competitors. With our excellent analytical laboratories and a wide range of measuring instruments we support our customers to determine the key settings and textile parameters that are important for our spin finishes to perform correctly. These services create a win-win situation for our customer and for us: they enhance their productivity and give us a better understanding of their demands.

EUROPEAN AND INTERNATIONAL SUCCESS

In line with market developments our sales activities are not limited to the European and Middle East Area (EMEA) but are expanded more and more to Asia, where around 80% of the global man-made fibre production takes place. With approx. 65% production volume, China occupies a special position in this hemisphere. Therefore our auxiliaries so far produced in Germany, Italy, South America and the USA have been completed by production in China. Together with our local offices and partners we sell to more than 50 countries and offer our technical services worldwide.







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