



## Kelheim Fibres GmbH

### Foundation

- 1935

### Employees

- Ca. 500

### Branches

- Hygiene
- Textile
- Technical Fibres

### Key materials

- Cellulose

### Key products

- Viscose Speciality Fibres



## Kelheim Fibres GmbH

Kelheim Fibres GmbH is the world's leading manufacturer of viscose speciality fibres.

Innovative products, flexible technologies and an exceptional focus on sustainability form the foundation of the company's success.

Our speciality fibres are used in most diverse applications from fashion, hygiene and medical products to nonwovens and speciality papers.

### Sustainability & Performance

Our speciality fibres are made from 100% wood pulp from PEFC™ or FSC® certified sources and are completely biodegradable in both soil and maritime environments.

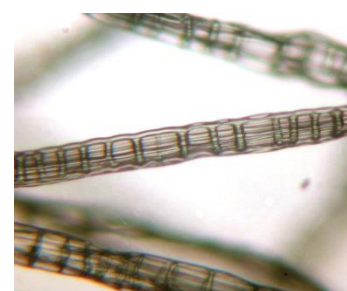
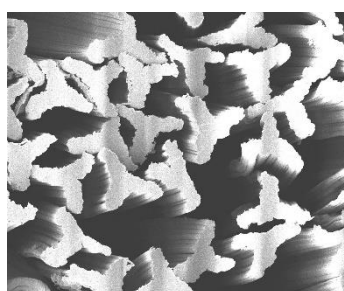
The production takes place exclusively in Germany and complies with the strict German environmental legislation. Our closed-loop philosophy and an energy-efficient way to operate our plants help to save valuable resources. Kelheim Fibres is the first viscose manufacturer worldwide with an EMAS-validated environmental management system.

We are a driving force for the change from a petroleum-based to a bio-based society. But while ecological awareness is growing and the call for environmentally friendly products is getting louder, compromises in terms of product performance are not accepted by the buyer.

Our speciality fibres enable the balancing act between performance and sustainability. Against this background, numerous innovative fibres have already come out of our in-house think tank.

One example are our plant-based fibre solutions for absorbent hygiene products that have been awarded 2nd in the **Cellulose Fibre Innovation of the Year 2021 award**.

These comprise speciality fibres for the single layers of AHP with different functionalities: a hydrophobized fibre for the topsheet, a trilobal fibre for the acquisition/distribution layer and a hollow fibre for the absorbent core. These biodegradable and sustainably manufactured fibres enable the replacement of petroleum-based materials without a loss of performance. They can also be used for the production of textiles, such as reusable menstrual underwear.



*Plant-based fibre solutions for AHP products: the hydrophobized Olea fibre for the topsheet, the trilobal Galaxy® fibre for the acquisition/distribution layer and the hollow Bramante fibre for the absorbent core.*



## Kelheim Fibres GmbH

### Contact

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### Open Innovation

Innovations start at the fibre development stage, inspired by customer and market needs – our innovative fibres lay the foundation for new functionalities in the finished product. Therefore, it is essential for us to involve our partners along the value chain from the very beginning, paving the way for new solutions and product designs more quickly.

To do this, we rely on open innovation: we need to identify the megatrends that are moving our society and we need to find out what role our fibres can play in solving the challenges of our time. This is only possible in dialogue with partners, customers, and other market participants.

### Flexible Technology for tailor-made fibres

In transforming a new idea into a fibre, our flexible fibre technology, know-how and many years of experience allow us to functionalise our fibres according to our customers' specific demands. The spectrum ranges from absorption and moisture management to temperature regulation or infrared effects to name just a few.

We achieve the desired properties by adapting parameters such as fibre cross-section, fibre length and fibre thickness, or by introducing functional additives into the spinning mass and thus into the interior of the fibre.

Through intrinsic functionalisation, the properties remain permanently in the fibre and thus in the end product. Unlike surface treatment, the effect can neither be washed out nor worn off. Additional processing steps are also not necessary, which saves costs and protects the environment:

Our speciality fibres thus lay the foundation for a sustainable value chain.

