



## Eco-friendly process

SaXcell's eco-friendly process dissolves used textiles in a closed-loop system, without any potentially harmful substances. Water and chemicals used in the process are recycled. The resulting pulp is turned into fibers via **lyocell wet spinning**, compatible with existing textile production equipment. Unlike standard lyocell, which uses wood as feedstock, SaXcell uses textile waste, making the textile industry more sustainable and circular while reducing landfill and incineration.

## Let's collaborate!

Additional technical information about the properties of SaXcell fibers is available upon request.

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## From textile waste to high-quality fibers



www.saxcell.com

## The unique features of the SaXcell fibers

🌀 SaXcell fibers are strong and soft at the same time, made to last.

🌀 They are produced from used textiles, requiring much less water, land, and chemicals compared to conventional cotton. Our process uses about 10 liters of water per kilogram of SaXcell, whereas growing cotton consumes at least 2,000 liters per kilogram.

🌀 The recycling process used is a lyocell process, which is more sustainable than growing cotton or using a viscose process for recycling. Additionally, SaXcell fibers require less dyes to achieve the right color, further reducing their environmental impact.

## SaXcell makes the textile industry more sustainable and circular

With our innovative solution, we recycle used textiles into new high-quality fibers. We can't do it alone. From the start SaXcell works with selected partners in the supply chain on the basis of partnership.



## A new cellulose fiber made from used textiles

The new fiber is perfectly suited for creating high-quality textiles, including garments and household textiles. SaXcell fibers are an ideal alternative for using cotton.



## SaXcell fibers are RCS certified

Using Saxcell will help you meet upcoming EU regulations that mandate the inclusion of recycled materials in your products.

