

ARBOCEL®

Innovative, functional fiber additives
for modern tissue production



Micronized cellulose and wood fibers

- Increased strength
- Higher total retention
- Environmentally friendly process
- Highly efficient and cost-effective

J. RETTENMAIER & SÖHNE
GMBH + CO KG



Fibers designed
by Nature

Innovative, functional **ARBOCEL®** additives for the tissue industry,
derived from regenerative plant-based raw materials.



Fibers designed by nature – our slogan represents a commitment, while at the same time highlighting our demand to handle natural resources responsibly.

Our ultra-functional additives are created from natural and regenerative plant-based raw materials, like grain and fruit fibers, wood and the cellulose derived from them.

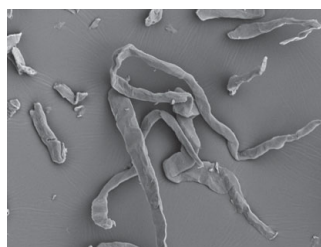
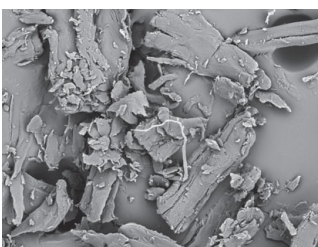
This series of **ARBOCEL®** additives for tissue products is made using a specially developed, combined dry milling process. In their basic functionality, the fibers act as 3-D spacers between the raw material fibers. They are able to do this effectively even when used in minimal quantities – making them extremely efficient and cost-effective as a result.

Benefits

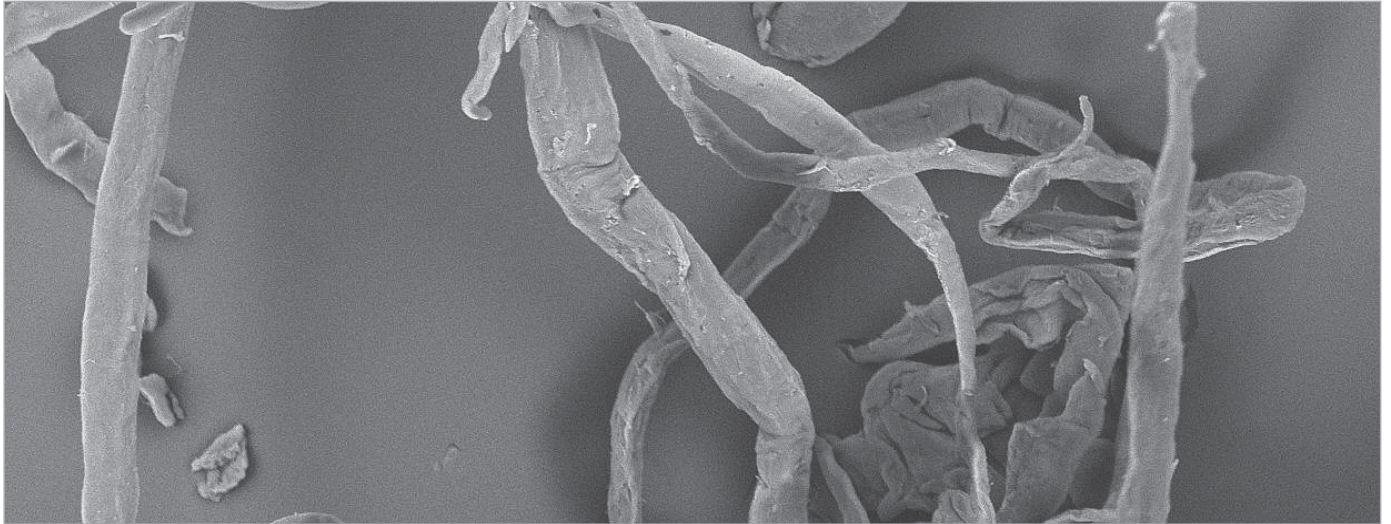
Competitive benefits based on better tissue product properties

- increased strength
- improved softness
- lower grammage
- lower energy consumption at the refiner
- higher total retention
- environmentally friendly process

Give your tissue production a competitive advantage!



ARBOCEL® consists of different functional wood and cellulose fiber structures



Unique production technology

- specially developed and unique milling technology
- zero waste production
- extremely narrow particle size distribution

Technical application

Virgin fiber tissue

ARBOCEL® Type: cellulose fiber

Dosing point: before refiner. Can be added directly into the pulper.

Recycled tissue

ARBOCEL® Type: wood fiber

Dosing point: after cleaning and screening.

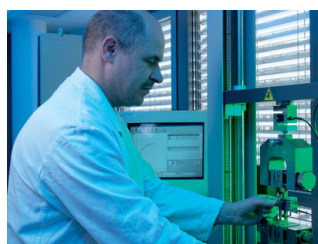
Can be added into the mixing or machine chest.

ARBOCEL®

Micronized cellulose and wood fibers

ARBOCEL® is produced to the strictest quality criteria.

Consulting, development and technological application support from our own laboratories and technical centers.



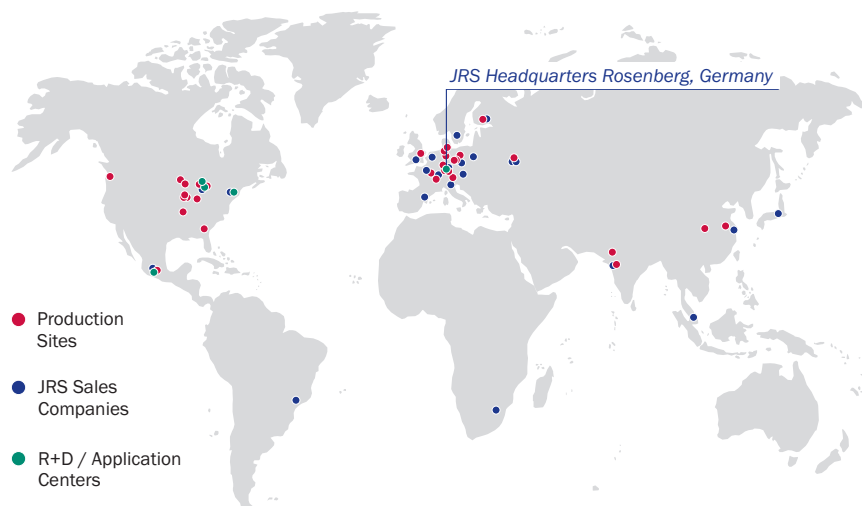


BUSINESS UNIT

CHEMISTRY

JRS – Your competent systems partner and solution provider for organic fibers in industry and technology

JRS – YOUR qualified Partner – worldwide



Worldwide logistics and presence

High availability and efficient, high-capacity production

In-house research and development, application services

Over 250 technical representatives around the world

Decades of experience and comprehensive application know-how

Quality manufacturing according to ISO 9001

Natural products of consistently high quality for industrial production

ARBOCEL® and **LIGNOCEL®** fiber products are notable for their excellent quality and consistent profile of properties. Based on natural raw materials, natural fiber technology from JRS guarantees you a high standard of operating reliability and maximum functionality on an industrial scale at all times.

Benefit from the expertise and experience of a highly qualified partner

- JRS provides assistance on any dosage and feed issues
- JRS carries out fundamental testing on your behalf
- JRS supports you in reformulation projects
- JRS is there to help you with product optimization projects and new developments

Our technical service department will be happy to help you, and can give you any detailed information you need – we look forward to hearing from you!

www.jrs.eu

WORLDWIDE HEADQUARTERS

Business Unit Chemistry
73494 Rosenberg (Germany)
Phone: +49 7967 152-906
paper@jrs.de

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GMBH + CO KG



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