

# ARBOCEL®

natural cellulose fibres

## Basic raw material

technical cellulose

## Characteristic

short fibre, off-white

## Physical and chemical properties

cellulose content	approx. 90 %
average fibre length	150 µm
average fibre thickness	35 µm
bulk density	150 g/l - 180 g/l
whiteness (absolute value at 461 nm)	min. 65 %
residue on ignition (850 °C, 4 h)	approx. 10 %
pH-value	7.5 +/- 1

## Screen analysis

Screen residue (in accordance with DIN 53 734/air jet sieve) with an interior mesh aperture of:

<u>200 µm</u>	<u>100 µm</u>	<u>32 µm</u>
max. 0.5 %	max. 15 %	max. 70 %

As with all natural products slight differences to the above given values may arise.

## General references

ARBOCEL® cellulose fibres are environment friendly products, gained from replenishable raw materials.

Among other things, they are used as thickeners, for fibre reinforcement, as an absorbent and diluent or as a carrier and filler in most manifold application fields.



J. Rettenmaier & Söhne GmbH + CO  
Fibers designed by Nature  
Holzmühle 1  
D-73494 Rosenberg