

# ARBOCEL<sup>®</sup>

natural cellulose fibres

## Basic raw material

highly pure cellulose

## Characteristic

long fibre, white

## Physical and chemical properties

cellulose content	approx. 99.5 %
average fibre length	700 µm
average fibre thickness	20 µm
bulk density	35 g/l - 50 g/l
whiteness (absolute value at 461 nm)	86 % +/- 5 %
residue on ignition (850 °C, 4 h)	approx. 0.3 %
pH-value	6 +/- 1

## Screen analysis

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

<u>1000 µm</u>	<u>300 µm</u>	<u>32 µm</u>
max. 0,5 %	1 – 20 %	60 – 90 %

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

## General remarks

ARBOCEL<sup>®</sup> 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.

CAS-Nr.: 9004-34-6



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