

# ARBOCEL®

## natural cellulose fibres

### Basic raw material

Highly pure cellulose

### Characteristic

Medium size fibre, white

### Physical and chemical properties

cellulose content	approx. 99,5 %
average fibre length	200 µm
average fibre thickness	20 µm
bulk density	110 g/l - 145 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>300 µm</u>	<u>100 µm</u>	<u>32 µm</u>
max. 0,5 %	max. 20 %	min. 65 %

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.

CAS-Nr.: 9004-34-6

