

ARBOCEL®

natural cellulose fibres

Basic raw material

technical cellulose

Characteristic

medium sized fibre, off-white

Physical and chemical properties

cellulose content	approx. 90 %
average fibre length	250 µm
average fibre thickness	35 µm
bulk density	115 g/l - 150 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>500 µm</u>	<u>100 µm</u>	<u>32 µm</u>
max. 0.5 %	max. 20 %	max. 80 %

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



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