

ARBOCEL®

natural cellulose fibres

Basic raw material

pure cellulose

Characteristic

short fibre, white

Physical and chemical properties

cellulose content	approx. 99.5 %
average fibre length	120 µm
average fibre thickness	25 µm
bulk density	150 g/l - 185 g/l
whiteness (absolute value at 461 nm)	84 % +/- 5 %
residue on ignition (850 °C, 4 h)	approx. 0.5 %
pH-value	6 +/- 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. 8 %	max. 60 %

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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