

ARBOCEL

Natural cellulose fibers

Basic raw material

Highly pure cellulose

Characteristics

Medium sized fiber, white

Chemical and physical properties

Cellulose content	~	99.5 %
Oxide ash (850 °C, 4 h)	~	0.3 %
Whiteness (absolute value at 460 nm)		81 % - 90 %
pH-value (10 % suspension)		5 - 7.5
Average fiber length		200 µm
Average fiber thickness		20 µm
Bulk density (in accordance with DIN EN ISO 60)		120 g/l - 155 g/l

Screen analysis (in accordance with DIN EN ISO 4610/air jet sieve) with an interior mesh aperture of:

<u>> 300 µm</u>	<u>> 100 µm</u>	<u>> 32 µm</u>
max. 0.2 %	max. 20 %	40 % - 70 %

General remarks

ARBOCEL cellulose fibers are environment friendly products, gained from replenishable raw materials. Among other things, they are used as thickeners, for fiber reinforcement, as an absorbent and diluent or as a carrier and filler in most manifold application fields.

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

Cellulose CAS-Nr.: 9004-34-6

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