Data Sheet

Grade
PWC 500

ARBOCEL

Natural cellulose fibers

Basic raw material

Technical cellulose

Characteristics

Long fiber, off-white

Chemical and physical properties

Cellulose content	~	90 %
Oxide ash (850 °C, 4 h)	~	10 %
Whiteness (absolute value at 460 nm)	min.	65 %
pH-value (10 % suspension)		6.5 - 8.5
Average fiber length		500 µm
Average fiber thickness		35 µm
Bulk density (in accordance with DIN EN ISO 60)		70 g/l - 100 g/l

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

> 200 µm	> 32 µm
max. 10 %	max. 90 %

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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