

# ARBOCEL

Natural Lignocellulose

## Raw material

Selected, gently dried, native timber

## Chemical and physical properties

Colour		yellowish
Structure		granules
Average particle size / particle range		200 µm - 300 µm
Oxide ash (850 °C, 4 h)	~	0.5 %
pH-value (10 % suspension)		4.5 - 6.5
Bulk density (in accordance with DIN EN ISO 60)		300 g/l - 400 g/l
Water binding capacity	~	600 %

Screen residue (RETSCH vibrating sieve) with an interior mesh aperture of:

<u>&gt; 2,000 µm</u>	<u>&gt; 500 µm</u>
max. 12 %	min. 88 %

## Composition

Pure Lignocellulose

## Product name / Declaration

Lignocellulose is listed in the Positive List of Feed Materials (Reg. No. 12.08.01) of the German Agricultural Society (DLG) - raw fiber content min. 65 %

## Information on the manufacturing process

Compacted raw fiber concentrate, produced by milling and subsequent fibrillation.

## Used aids and supplementary products

None

## Undesired substances within the framework of risk based own controls

Meets EU Regulatory Requirements

### Critical substances

None

### Remarks to specific analytical problems

None

### Safety remarks

Usual precautionary measures have to be observed when working with all combustible materials containing dusty particles.

### Storage and Shelf Life

Store at room temperature in dry conditions. In original and unopened bags, shelf life at least 3 years starting with production date

### General remarks

ARBOCEL Lignocellulose is gained from selected, untreated and carefully dried native timber. The product is characterised by a very high water binding capacity and by an optimum microbiological status.

ARBOCEL Lignocellulose is used in feed compounds mainly for raw fiber enrichment. Due to its expansion and swelling capacity the dosage recommendation is between 0,5 % and 6 %, depending on the application.

ARBOCEL RC FINE can be mixed to wet or dry feedstuff.

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

**J. Rettenmaier & Söhne GmbH + Co KG is registered as feed and compound feed manufacturer according to article 9 of EC Feed Hygiene Regulation (183/ 2005)  
J. Rettenmaier & Söhne GmbH + Co KG location Holzmühle (F00000597), complies with the requirements of QS-system for production of feed materials (QS-ID: 4031735751574).**

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