

LIGNOCEL

Natural wood fibers

Basic raw material

Selected conifers

Chemical and physical properties

Colour		yellow
Structure		fibrous
Average particle size / particle range		70 µm - 150 µm
Loss on drying	max.	2 %
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)		110 g/l - 145 g/l

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

<u>> 250 µm</u>	<u>> 100 µm</u>	<u>> 32 µm</u>
max. 0.5 %	max. 60 %	max. 95 %

General remarks

LIGNOCEL wood 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.

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