

# LIGNOCEL

Natural wood fibers

## Basic raw material

Selected softwood

## Chemical and physical properties

|   |   |                   |
|---|---|-------------------|
| Colour  |   | yellow            |
| Structure                                       |   | cubic             |
| Average particle size / particle range          |   | 1.4 mm - 2.5 mm   |
| 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) |   | 130 g/l - 220 g/l |

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

|                    |                  |                     |                     |
|--------------------|------------------|---------------------|---------------------|
| <u>&gt; 2.5 mm</u> | <u>&gt; 2 mm</u> | <u>&gt; 1.25 mm</u> | <u>&gt; 0.71 mm</u> |
| 20 % - 40 %        | 45 % - 75 %      | min. 90 %           | min. 97 %           |

## 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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