



BEDDING – DATA SPECIFICATION

LIGNOCEL® products

	LIGNOCEL® 3-4	LIGNOCEL® S 8-15	LIGNOCEL® BK 8 / 15	LIGNOCEL® FS 14	LIGNOCEL® HBK 1500-3000
Raw material	Spruce / Fir wood	Spruce / Fir wood	Spruce / Fir wood	Spruce wood	Birch wood
Structure	Fiber	Granulate	Granulate	Granulate	Granulate
Particle size, major component [mm], approx.	1,5 – 4,0	1,2 – 1,6	1,4 – 1,8	2,5 – 3,5	1,0 – 3,0
Bulk density [g/L]	50 - 100	120 – 180	130 - 220	160 – 250	270 – 330
Fine particle fraction [%] <200 µm, approx.	0,2	0,2	0,2	0,2	0,1
Humidity [%], approx.	10	10	10	11	11
Absorption capacity [L/kg], approx.	4,0	4,8	4,4	2,0	3,4
pH-value	5,5 ± 1	5,5 ± 1	5,5 ± 1	5,5 ± 1	5,5 ± 1

LIGNOCEL® is a registered trademark of JRS – J. RETTENMAIER & SÖHNE GMBH+CO.KG

Granulate = chopped wood across the fiber texture; Fiber = separated wood longitudinal to fiber texture

LIGNOCEL® 3-4

Raw material	spruce / fir wood
Appearance / structure	bark free fiber
Particle size, major component	approx. 1,5 – 4,0 mm
Bulk density	50 – 100 g/L
Fine particle fraction < 200 µm	approx. 0,2%
Humidity	approx. 10%
Absorption capacity	approx. 4,0 L/kg
pH-value	5,5 ± 1
Packaging	12,5 kg, PE-bag, autoclavable
Pallet weight	27 bags/pallet, 337,5 kg



LIGNOCEL® S 8-15

Raw material	spruce / fir wood
Appearance / structure	cubic granulate
Particle size, major component	approx. 1,2 – 1,6 mm
Bulk density	120 – 180 g/L
Fine particle fraction < 200 µm	approx. 0,2%
Humidity	approx. 10%
Absorption capacity	approx. 4,8 L/kg
pH-value	5,5 ± 1
Packaging	12,5 kg, PE-bag, autoclavable
Pallet weight	27 bags/pallet, 337,5 kg



LIGNOCEL® BK 8-15

Raw material	spruce / fir wood
Appearance / structure	cubic granulate
Particle size, major component	approx. 1,4 – 1,8 mm
Bulk density	130 - 220 g/L
Fine particle fraction < 200 µm	approx. 0,2%
Humidity	approx. 10%
Absorption capacity	approx. 4,4 L/kg
pH-value	5,5 ± 1
Packagin	10 kg, PE-bag, autoclavable
Pallet weight	33 bags/pallet, 330 kg



LIGNOCEL® HBK 1500-3000

Raw material	birch wood
Appearance / structure	cubic granulate
Particle size, major component	approx. 1,0 – 3,0 mm
Bulk density	270 - 330 g/L
Fine particle fraction < 200 µm	approx. 0,1%
Humidity	approx. 11%
Absorption capacity	approx. 3,4 L/kg
pH-value	5,5 ± 1
Packaging	15 kg, PE-bag, autoclavable
Pallet weight	42 bags/pallet, 630 kg



LIGNOCEL® FS 14

Raw material	spruce wood
Appearance / structure	cubic granulate
Particle size, major component	approx. 2,5 – 3,5 mm
Bulk density	160 - 250 g/L
Fine particle fraction < 200 µm	approx. 0,2%
Humidity	approx. 11%
Absorption capacity	approx. 2,0 L/kg
pH-value	5,5 ± 1
Packaging	10 kg, PE-bag, autoclavable
Pallet weight	36 bags/pallet, 360 kg

