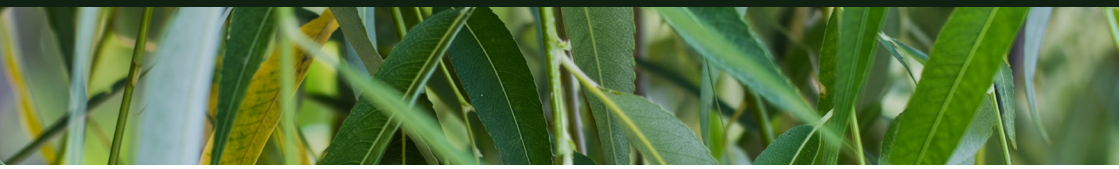
SANTA FE **BEKP**



PRODUCT: Bleached Eucalyptus Kraft Pulp

WOOD SPECIES: Predominantly Eucalyptus nitens

Santa Fe BEKP is produced primarily from Eucalyptus nitens grown in Chile and is recognized worldwide for its distinctive fiber characteristics. It delivers an excellent combination of formation, surface quality, and strength development, providing papermakers with a reliable and versatile hardwood pulp for demanding paper grades.

The unique morphology of Eucalyptus nitens fibers provides a remarkable balance between tensile strength, porosity, and dimensional stability. These characteristics make Santa Fe BEKP particularly valued in applications requiring precise technical performance, where sheet integrity, controlled permeability, and dimensional control are essential.

CHARACTERISTICS

	Board	Printing & Writing	Speciality	Tissue
STRENGTH & RUNNABILITY The unique fiber characteristics of Chilean Eucalyptus provide excellent tensile strength development across a wide refining range while maintaining efficient drainage and stable machine operation.	●	●	●	●
STRENGTH / POROSITY BALANCE Santa Fe BEKP offers a unique combination of mechanical strength and controlled porosity, enabling the development of porous sheet structures without compromising performance.	●	●	●	○
FORMATION & SURFACE QUALITY The high fiber population and excellent fiber conformability promote uniform formation and smooth surface characteristics, contributing to consistent paper quality and converting performance.	●	●	●	○
DIMENSIONAL STABILITY Santa Fe BEKP occupies a unique position among hardwood pulps by combining high tensile strength with controlled porosity and excellent dimensional stability, enabling demanding technical specifications to be achieved simultaneously.	●	○	●	○

APPLICATIONS: ● Considered ○ Not considered

SPECIFICATIONS

Brightness: ≥ 89 % - ISO 2470

Dirt Count: ≤ 2,5 mm² /kg a.d. - ISO 5350-2

Viscosity: ≥ 700 ml/g - ISO 5351

pH: ≥ 5,0 - ISO 6588-1



TYPICAL PROPERTIES[1]

PHYSICAL-MECHANICAL PROPERTIES

NET Specific Refining Energy kWh/t	Drainability ISO 5267/1 °SR	Bulk ISO 534 cm³/g	Tensile Index ISO 1924/3 N m/g	Burst Index ISO 2758 kPa m²/g	Tear Index ISO 1974 mN m²/g	Opacity ISO 2471 %	Air Resistance ISO 5636-5 s/100cm³
0	24	1,55	37,0	2,0	6,87	78,5	5,0
30	31	1,38	62,3	3,9	8,42	75,1	13
60	40	1,29	76,5	5,1	8,20	72,7	34
90	51	1,24	85,1	5,7	7,71	70,5	92
120	62	1,19	90,6	6,0	7,15	68,7	292

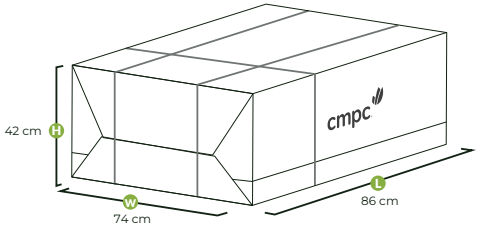
CMPC testing based on ISO Standards. Refining is performed in a Voith LR40 disc refiner. Lab conditions are mill water 25 ppm Ca+ hardness, specific edge load of 0,3 J/m and lab sheets of 60 g/m² at 50% humidity.

BIOMETRICAL PROPERTY

FIBER LENGTH	METHOD
0,8 mm	ISO 16065-2

AVERAGE BALE AND UNIT DIMENSION

DIMENSION	BALE	UNIT
Length (L), cm	86	148
Width (W), cm	74	86
Height (H), cm	42	171
G. Weight, kg	252	2016



RECOGNITIONS

ISEGA Food Contact Certified
(FDA, BfR Recommendation XXXVI, EC 1935/2004, LFGB, Tobacco Decree, Sanitary Papers).

Nordic Swan EcoLabel & EU EcoLabel

ISO 9001 - ISO 14001 - ISO 50001 - ISO 45001
Certified mill management systems

PEFC and FSC™ Chain of Custody Certification[2]

[1]Results listed above are based on long term averages and do not constitute contractual undertaking
[2]CMPC Pulp PEFC license code PEFC/24-31-300. CMPC Pulp FSC license code FSC-C007488.

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