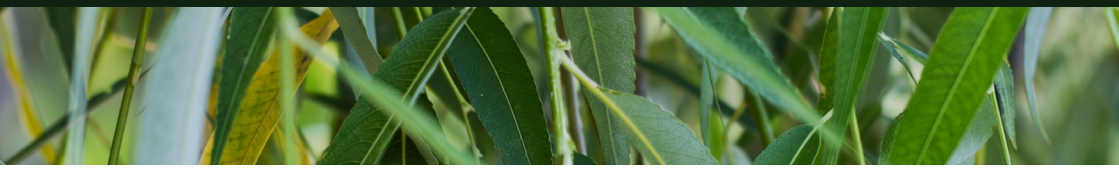
GUAÍBA **BEKP**



PRODUCT: Bleached Eucalyptus Kraft Pulp

WOOD SPECIES: Predominantly Eucalyptus saligna and Eucalyptus grandis

Guaíba BEKP is produced primarily from selected Brazilian hardwood species. It is a premium short-fiber pulp designed to provide excellent formation, softness, bulk, and surface quality, making it a reliable choice for demanding paper manufacturers.

Its well-balanced fiber characteristics are typical of leading Brazilian hardwood pulps, promoting excellent fibrillar development and sheet uniformity. The result is a pulp that delivers the combination of bulk, softness, formation, and visual appearance sought in high-quality paper products.

CHARACTERISTICS

	Board	Printing & Writing	Speciality	Tissue
FORMATION & SURFACE QUALITY Its high fiber population and flexible hardwood fibers promote excellent sheet formation and smooth surface characteristics, contributing to uniform paper quality and enhanced print appearance.	●	●	●	●
SOFTNESS & BULK The fiber morphology typical of premium Brazilian hardwood pulps provides an excellent balance of softness, bulk, and fiber distribution throughout the sheet.	○	●	○	●
FIBRILLAR DEVELOPMENT Its fibers develop an extensive fibrillar structure during refining, supporting efficient fiber bonding and balanced paper properties.	●	●	●	○
OPACITY & SHEET UNIFORMITY The combination of fine fibers and high fiber population contributes to uniform sheet structure, improved opacity, and consistent visual appearance.	○	●	○	○

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	20	1,77	23,6	1,1	4,70	76,2	1,9
30	25	1,57	42,1	2,5	7,89	74,0	3,9
60	32	1,47	56,0	3,6	9,66	72,6	8,6
90	42	1,39	67,0	4,5	10,1	71,4	21
120	53	1,34	74,7	5,1	10,1	70,3	53

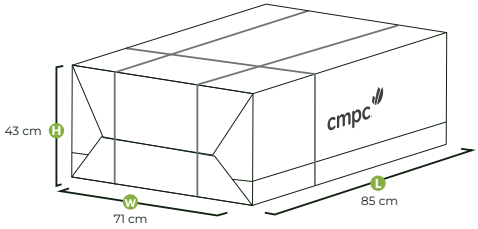
CMPC testing based on ISO Standards. Refining is performed in a Voith LR40 disc refiner. Lab conditions are mill water 25 ppm Ca+ hardness, specific edge load of 0,3 J/m and lab sheets of 60 g/m² at 50% humidity.

BIOMETRICAL PROPERTY

FIBER LENGTH	METHOD
0,8 mm	ISO 16065-2

AVERAGE BALE AND UNIT DIMENSION

DIMENSION	BALE	UNIT
Length (L), cm	85	144
Width (W), cm	71	86
Height (H), cm	43	171
G. Weight, kg	250	2000



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
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/28-31-84. CMPC Pulp FSC license code FSC-C103613.

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