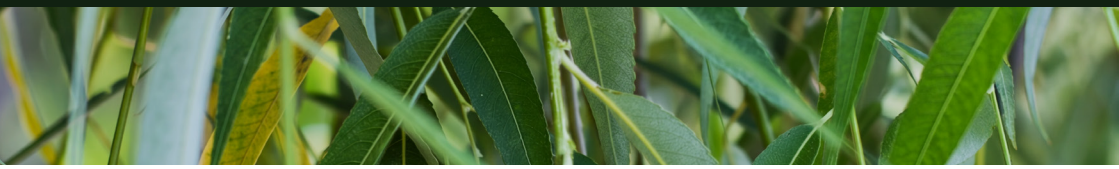
GUAÍBA **T1 BEKP**



PRODUCT: Bleached Eucalyptus Kraft Pulp

WOOD SPECIES: Predominantly Eucalyptus saligna and Eucalyptus grandis

Guaíba T1 is CMPC's dedicated tissue pulp, produced primarily from selected Brazilian hardwood species. Engineered specifically for tissue applications, it combines the softness and bulk associated with premium Brazilian hardwood fibers with optimized process performance.

Its brightness has been carefully tailored to the requirements of the tissue market, preserving fiber quality and morphology. By maintaining more of the fiber's natural characteristics, Guaíba T1 delivers excellent runnability, efficient strength development, and superior softness potential, making it a highly effective solution for tissue manufacturers seeking both performance and productivity.

CHARACTERISTICS

	Board	Printing & Writing	Speciality	Tissue
SOFTNESS DEVELOPMENT Specifically engineered for tissue applications, its fiber morphology maximizes softness while maintaining the integrity required for efficient converting operations.				
BULK GENERATION The fiber structure promotes bulk development and absorbency, enhancing consumer perception and product differentiation.				
RUNNABILITY Its optimized fiber characteristics provide excellent machine runnability and stable operation throughout tissue production processes.				
REFINING EFFICIENCY Designed with brightness levels tailored to tissue applications, Guaíba T1 preserves fiber quality and flexibility, allowing target properties to be achieved with lower refining requirements.				

APPLICATIONS: ● Considered ● Not considered

SPECIFICATIONS

Brightness: 85 - 89 % - ISO 2470

Dirt Count: ≤ 10 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	1,74	25,3	1,2	4,87	76,7	2,0
30	25	1,55	44,4	2,6	8,08	74,9	4,3
60	34	1,46	59,1	3,8	9,86	73,3	9,6
90	44	1,38	69,6	4,7	10,4	72,2	26
120	56	1,33	78,2	5,3	10,1	70,7	74

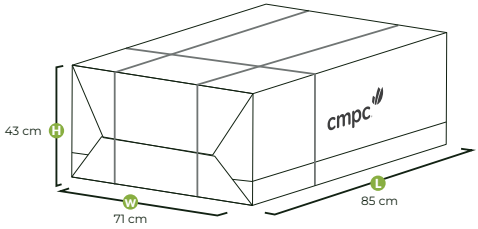
CMPC testing based on ISO Standards. Refining is performed in a Voith LR40 disc refiner. Lab conditions are mill water 25 ppm Ca+ hardness, specific edge load of 0,3 J/m and lab sheets of 60 g/m² at 50% humidity.

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	85
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).

PEFC and FSC™ Chain of Custody Certification[2]

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

[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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