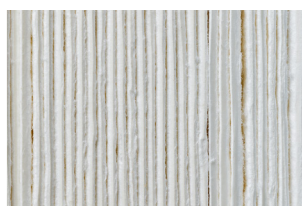




BEKP

PULP TEST REPORT



HEADQUARTERS

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SPECIFICATIONS

Brightness:	89 + %	(ISO 2470)
Dirt Count:	≤ 2,5 mm ² /kg a.d.	(ISO 5350-2)
Viscosity	≥ 700 ml/g	(ISO 5351)
pH	≥ 5,0	(ISO 6588-1)

TYPICAL PROPERTIES

NET SPECIFIC REFINING ENERGY	FREENESS	BULK	TENSILE INDEX	BURST INDEX	TEAR INDEX	OPACITY	AIR RESISTANCE
	ISO 5267/1	ISO 534	ISO 1924/3	ISO 2758	ISO 1974	ISO 2471	ISO 5636-5
kWh/t	°SR	cm ³ /g	N·m/g	kPa·m ² /g	mN·m ² /g	%	s/100 cm ³
0	20	1,72	29,2	1,4	5,5	76,9	2,7
30	26	1,55	48,3	2,8	8,6	74,9	5,4
60	33	1,46	61,2	3,8	9,7	73,4	12
90	44	1,38	72,4	4,7	10,1	72,1	29
120	55	1,33	78,6	5,2	9,7	71,1	71

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% relative humidity.

Results listed above are based on long term averages and do not constitute contractual undertaking.

AVERAGE BALE AND UNIT DIMENSIONS

DIMENSION	BALE	UNIT
Length, cm	85	144
Width, cm	71	85
Height, cm	43	171
G. Weight, kg	250	2000

EUCALYPTUS PULP

Guaíba Pulp is made of planted Eucalyptus.

It is produced using the ECF bleaching process.

