

DATA SHEET

PRODUCT: ECF BLEACHED EUCALYPTUS KRAFT PULP

GENERAL CHARACTERISTICS OF SHEETS, BALES AND UNITS

SHEETS

TYPICAL GRAMMAGE, g o. d./m ²	1200 - 1250
AVERAGE DIMENSIONS, cm x cm	85 x 70

BALES

TYPICAL GROSS WEIGHT, kg	250
COMMERCIAL WEIGHT, kg	Depending on dryness
AVERAGE BASE DIMENSIONS, cm x cm	86 x 71
AVERAGE HEIGHT, cm	44

WRAPPERS

Material	CELBI PP pulp
Typical dryness, %	90
Number of plies per bale	2

WIRES

Diameter, mm	2,18
Number of wires per bale	3

UNITS

NUMBER OF BALES	8
TYPICAL GROSS WEIGHT, ton	2,0
AVERAGE BASE DIMENSIONS, cm x cm	142 x 86
AVERAGE HEIGHT, cm	176
NUMBER OF WIRES PER UNIT	7
DIAMETER OF WIRES, mm	3,0
TENSILE STRENGTH OF WIRES, N/mm ²	1050

MARKS – IN BLUE (ON 2 SIDES OF EACH BALE)

PP **XXXXX-BBB**
PORTUGAL **YYXXXXXUU**

XXXXX: identifies the **balegroup**, changes on a continuous sequence.

BBB: identifies each **bale** in the balegroup, from 001 through 192.

YYY: identifies the **year**.

UU: identifies each **unit** in the balegroup, from 01 through 24.

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GENERAL PROPERTIES

PARAMETER	UNIT	METHOD	TYPICAL VALUES
Dirtiness	mm ² /kg	Celbi C-43	< 3
Brightness (Lab Sheet)	% ISO	ISO 3688 / ISO 2470-1	90,5
pH of cold aqueous extract	-	ISO 6588-1	6,0
Spec. conductivity of aqueous extract	mS/m	ISO 6587	3,0
Acetone extract	%	ISO 14453	0,09
Ash	%	ISO 1762	0,30
Total chlorine content	mg Cl/kg o.d.	ISO 11480	< 220
AOX removable by washing	mg Cl/kg o.d.	SCAN-CM 44	< 10

PAPERMAKING PHYSICAL PROPERTIES

PARAMETER	UNIT	METHOD	TYPICAL VALUES		
			0	1500	2500
PFI revolutions			0	1500	2500
Drainability	°SR	ISO 5267-1	23	39	54
Density	kg/m ³	ISO 534	590	725	775
Bulk	cm ³ /g	ISO 534	1,70	1,38	1,29
Tensile Index	N.m/g	ISO 1924-2	29	71	84
Tensile stiff. index	kN.m/g	ISO 1924-2	3,9	6,4	7,1
Burst Index	kN/g	ISO 2758	1,70	5,50	6,90
Tear Index	mN.m ² /g	ISO 1974	4,70	9,20	9,30
Light scatter. coeff.	m ² /kg	ISO 9416	38	28	25
Opacity	%	ISO 2471	76,0	69,5	67,0
Air resist. (Gurley)	s	ISO 5636-5	1,4	16	100

TESTING METHODS:

- Laboratory PFI beating: ISO 5264-2
- Preparation of lab sheets: ISO 5269-1
- Conditioning of paper test pieces: 23 °C, 50% RH (ISO 187)
- Testing of lab sheets: ISO 5270

The above data are typical of normal production but should not be interpreted as internal or binding specifications.