

# BLEACHED EUCALYPTUS KRAFT PULP - ECF

## TYPICAL DATA

AVERAGE OF TYPICAL SAMPLES TESTED. **THESE ARE NOT SPECIFICATIONS.**

### PFI REFINE (PHYSICAL-MECHANICAL PROPERTIES)

PROPERTY	UNIT	UNREFINED	CSF 350 ml	CSF 200 ml	METHOD
SCHOPPER RIEGLER	°SR	23 ± 4	32 ± 5	48 ± 7	ISO 5267
TENSILE INDEX	N. m/g	25.0 ± 6.0	52.0 ± 12	87.5 ± 6.5	ISO 1924
BURST INDEX	kPa. m <sup>2</sup> /g	1.00 ± 0.40	2.9 ± 1.0	5.4 ± 1.0	ISO 2758
TEAR INDEX	mN. m <sup>2</sup> /g	3.5 ± 1.0	7.4 ± 2.0	9.5 ± 1.5	ISO 1974
SPECIFIC VOLUME	cm <sup>3</sup> /g	2.10 ± 0.30	1.75 ± 0.25	1.54 ± 0.16	ISO 534
AIR RESISTANCE	s/100mL	2.30 ± 0.70	6.50 ± 3.7	41.0 ± 20.0	ISO 5636-5
LIGHT SCATTERING COEFFICIENT	cm <sup>2</sup> /g	460 ± 65	400 ± 50	330 ± 50	ISO 9416
OPACITY	%	80.0 ± 2	76.0 ± 3	74.0 ± 5	TAPPI-425
STRETCHING	mm	1.97 ± 0.90	3.70 ± 1.83	4.80 ± 1.20	ISO 1924
WATER RETENTION VALUE	g/g	1.04 ± 0.28			ISO 23714

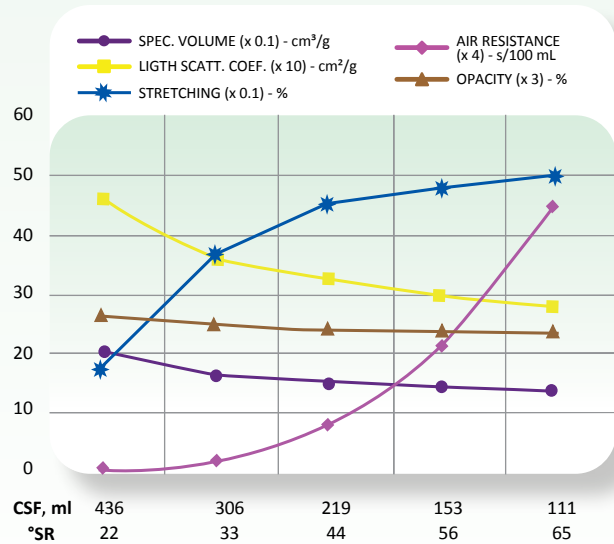
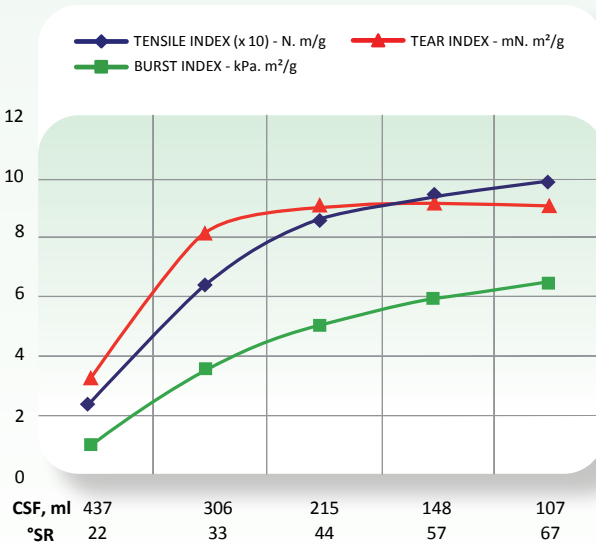
Database: previous years

#### REMARKS:

**PFI REFINING:** ISO 5264  
**PFI MILL GAP:** 0.2 mm  
**FREENESS - CSF:** ISO 5267

**HANDSHEET FORMATION:** ISO 5269-1  
**HANDSHEET CONDITION:** ISO 187 (23°C/50%)

### TYPICAL CURVES/ PFI (GAP: 0.2 mm) – REVOLUTIONS: 0, 1500, 3000, 4500, 6000



Database: previous years

## CHEMICAL PROPERTIES

PROPERTY	UNIT	TYPICAL RANGE	ANALYTICAL METHOD
ASH	%	≤0.40	ISO-1762
DCM EXTRACTIVES	%	≤0.20	TAPPI-204

Database: previous years

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## ANATOMICAL PROPERTIES

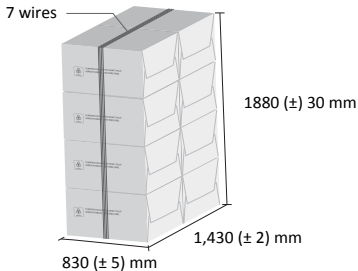
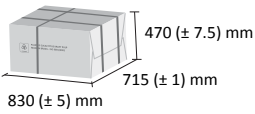
PROPERTY	UNIT	TYPICAL RANGE	ANALYTICAL METHOD
FINES CONTENT	%	5.10 ± 1.30	ISO 16065-2
COARSENESS	mg/100m	6.50 ± 2.30	ISO 16065-2
FIBER LENGTH	mm	0.760 ± 0.035	ISO 16065-2
VESSEL LENGTH	mm	0.340 ± 0.060	ISO 16065-2

Database: previous years

## BLEACHING SEQUENCE

O/OD(EP)DPD or O/OD(EP)DP

## PRODUCT PRESENTATION

CHARACTERISTIC	UNIT	BALE	SHEET
<b>PRODUCT PRESENTATION</b>			
<b>GROSS WEIGHT</b>	2,000kg (8 bales)	250kg	1,000 ~1,100 g/m <sup>2</sup> (grammage)
<b>DIMENSIONS</b>			
<b>height</b>	1,880 ± 30 mm	470 ± 7.5 mm	-
<b>length</b>	1,430 ± 2 mm	715 ± 1 mm	690 mm
<b>width</b>	830 ± 5 mm	830 ± 5 mm	810 mm
<b>WIRES</b>	7 (long side) 3.00 mm diameter	1 (short side) + 2 (long side) 2.00 mm diameter	-
<b>MARKS</b>	Water Soluble ink		
<b>BAR CODE</b>	Water Soluble black ink		

Remark: Bales of 250kg are wrapped with pulp sheets and their holding wires are not dimensioned for lifting and/or handling. This operation is strictly forbidden.

MANAGEMENT  
ISO 9001:2008, since December 1993  
ISO 14001:2004, since October 1997

ENVIRONMENTAL ANALYSIS  
ISO/IEC 17025:2005, since November 2008

FOREST MANAGEMENT  
FSC®, since June 2005  
PEFC/Cerflor, since July 2005

CHAIN-OF-CUSTODY  
FSC®, since July 2005  
PEFC/Cerflor, since August 2005

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