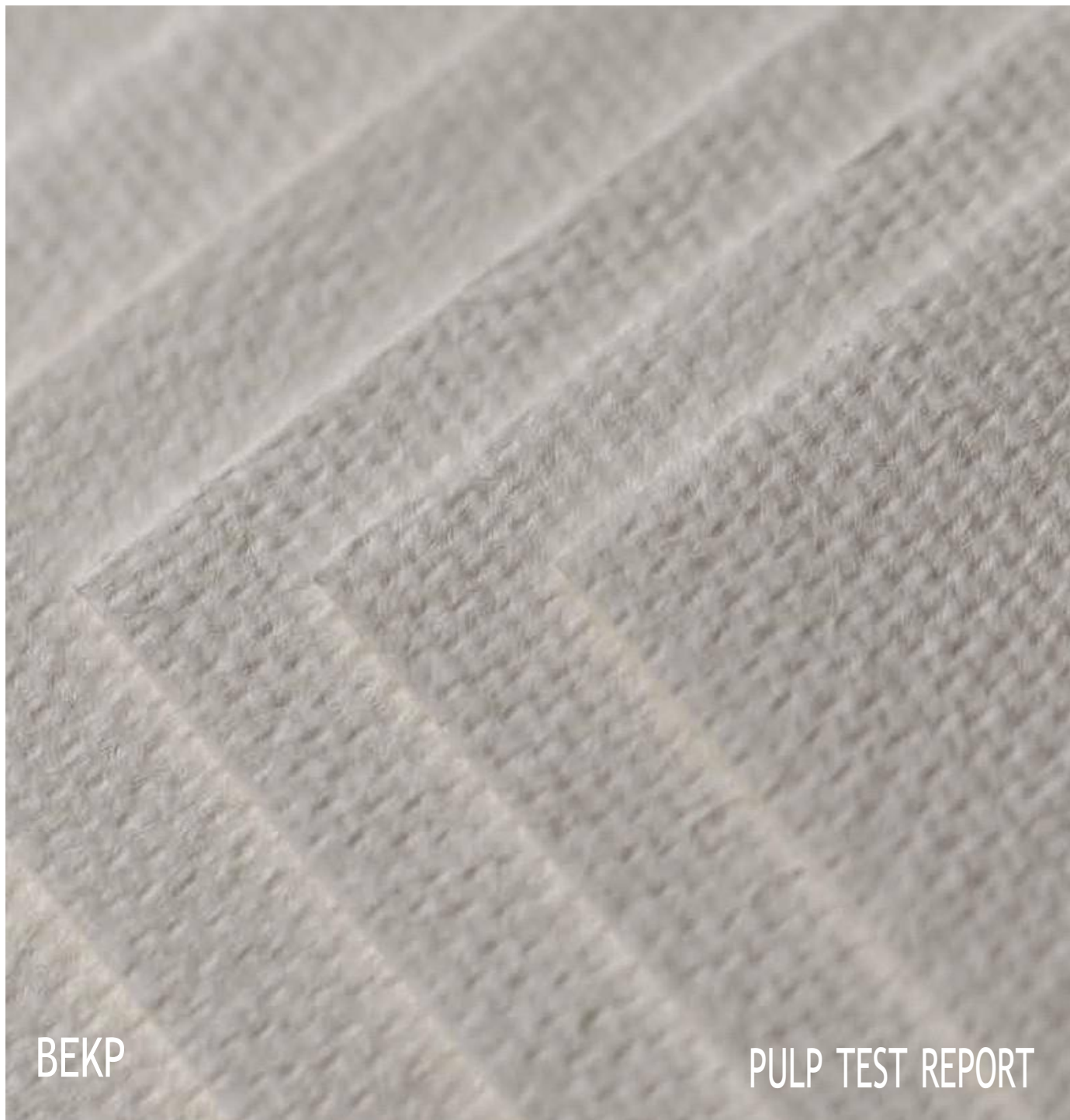




BEKP

PULP TEST REPORT



HEADQUARTERS

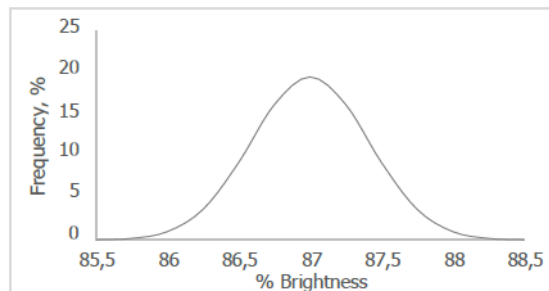
CMPC Pulp SpA • Agustinas 1343, 3rd Floor
• P.O. Box 307 - V, Correo 21 Santiago, Chile
• correo@cmpec.cl • Tel: +562 2441 2030
• Fax: +562 2698 2179



SPECIFICATIONS

Brightness:	85,5-88,4 (ISO 2470)
Dirt Count:	≤ 5 mm ² /kg a.d. (ISO 5350-2)
Viscosity	≥ 700 ml/g (ISO 5351)
pH	≥ 5,0 (ISO 6588-1)

CAPABILITY OF THE PROCESS



The graph is based on long-term averages and does not constitute a contractual undertaking. The 80% of the production has a brightness between 86 – 88 % ISO

TYPICAL PROPERTIES

NET SPECIFIC REFINING ENERGY	FREENESS	BULK	TENSILE INDEX	BURST INDEX	TEAR INDEX	OPACITY	AIR RESISTANCE
	ISO5267/1	ISO534	ISO1924/3	ISO2758	ISO1974	ISO2471	ISO5636-5
kWh/t	°SR	cm ³ /g	N·m/g	kPa·m ² /g	mN·m ² /g	%	s/100cm ³
0	19	1,75	32,1	1,4	5,5	77,3	3,1
30	25	1,55	52,9	2,8	8,5	76,1	5,9
60	33	1,46	64,6	3,9	9,6	74,3	13
90	43	1,40	75,3	4,7	9,9	73,0	33
120	52	1,33	80,9	5,2	9,8	71,8	59

CMPC testing is 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 a 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.

