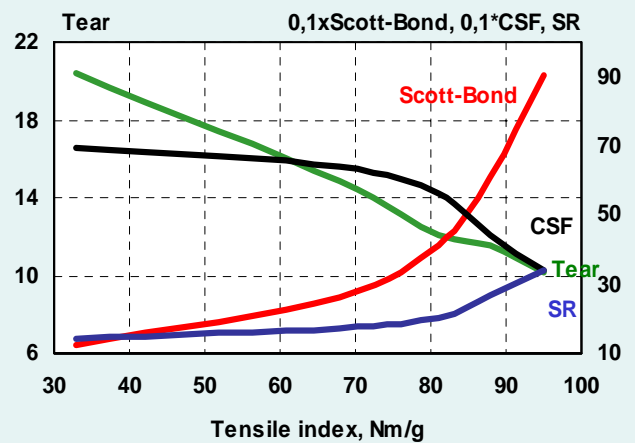
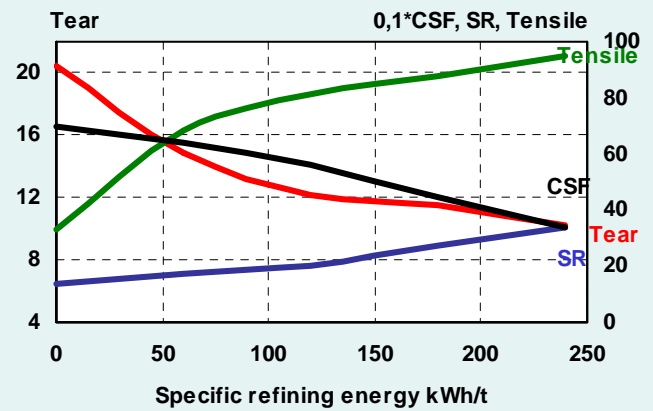


PULP CHARACTERISTICS

Brightness, ISO PulpExpertDCD	Target 89 %
Fibre length, mm Kajaani MAP	1,85 – 2,35 mm
Coarseness	0,160 – 0,200 mg/m
Ash content ISO 1762:2001	0 - 0,4 %
Viscosity SCAN-CM 15:99	min. 700 ml/g
pH ISO 6588	5,0 – 6,0

RAW MATERIAL

Pine (pinus silvestris)	70 - 100 %
Spruce (picea abies)	0 - 30 %

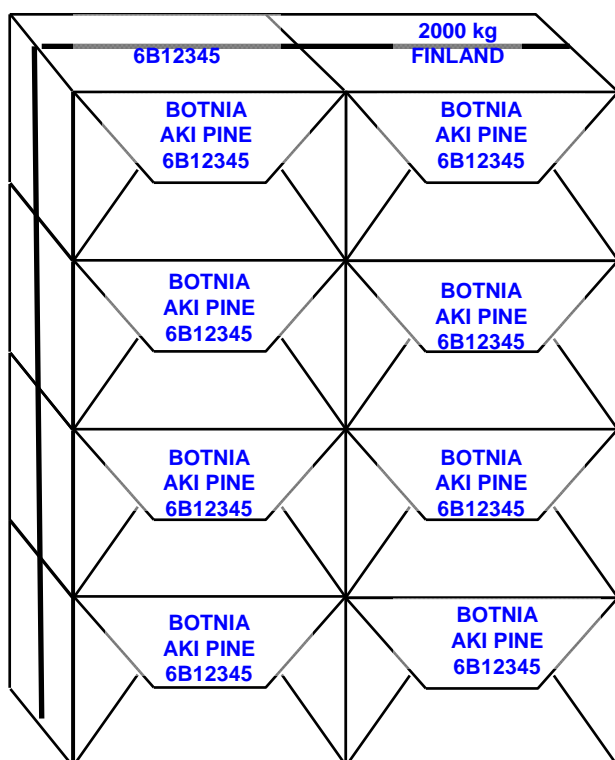
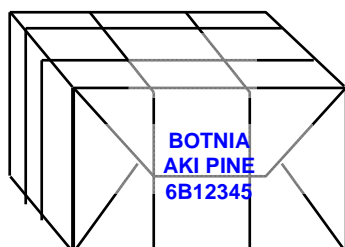


Specific refining energy	CSF	Schopper-Riegler - number	Tensile index	Tensile Stiffness Index	Tear index	Scott-Bond	Density	Opacity	Air resistance
kWh/t	ml		Nm/g	kNm/g	mNm ² /g	J/m ²	kg/m ³	%	(Gurley) s
0	695	14	33	4,1	20,4	123	589	70	1,8
60	640	17	68	6,3	14,9	264	668	64,8	3,6
120	560	20	81	7,0	12,1	412	711	62	11
180	445	27	88	7,5	11,5	610	737	59,8	39
240	340	34	95	8,0	10,2	905	770	58,7	190
90	600	18	74	6,7	13,5	338	688	63,4	7,3
151	500	23	84	7,3	11,8	515	724	60,9	25
205	400	29	91	7,7	10,9	736	751	59,3	104
124	552	20	81	7,0	12,1	426	712	61,8	13
166	470	25	86	7,4	11,6	568	731	60,3	33
207	396	30	92	7,8	10,9	748	752	59,3	109
29	669	15	50	5,2	17,8	191	627	67,5	2,7
72	626	17	70	6,5	14,4	290	676	64,3	5

Mean (indicative) values from pulp testing with Lab-Finer using standard water.
Specific Edge Load 2,5 Ws/m, ISO testing methods, testing climate 50 % RH, 23°C. Handsheets 60 g/m².

APPLICATION

- Speciality papers
- Woodfree papers
- Board products



SHEETS

Size: 84 x 75 cm

Grammage: 800 – 900 g/m²

BALES

Size: 86 x 77 x 41 cm

Gross weight: 250 kg

Wrappers: Pulp sheet

Markings: Blue ink-jet printing, water soluble ink. Brand name and bale number on both sides of the bale.

Wires: 4 galvanized wires, diameter 2,3 mm

UNITS

Size: 86 x 154 x 166 cm

Gross weight: 2000 kg
(8 x 250 kg)

Wires: 7 galvanized wires, diameter 3,0 mm