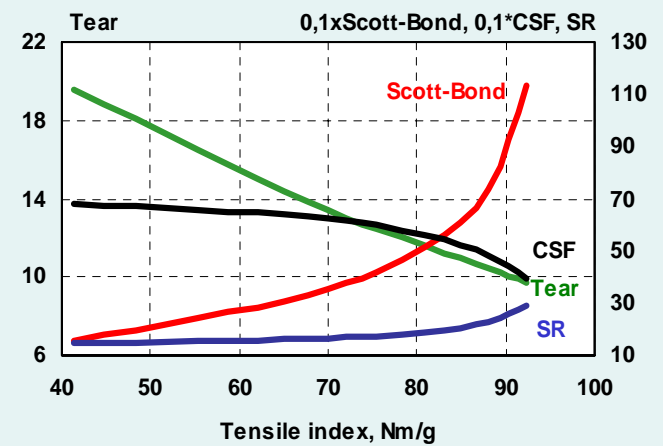
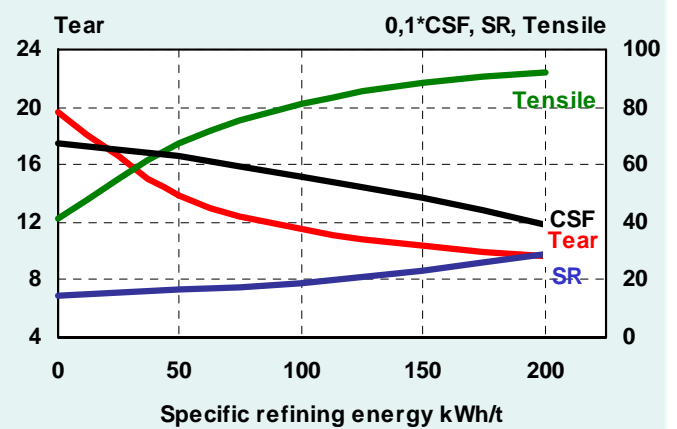


PULP CHARACTERISTICS

Brightness, ISO PulpExpertDCD	Target 89 %
Fibre length Kajaani FS-200	1,80 – 2,10 mm
Coarseness Kajaani FS-200	0,155 – 0,185 mg/m
Ash content ISO 1762:2001	0,02 - 0,10 %
Viscosity SCAN-CM 15:88	750 – 890 dm ³ /kg
pH ISO 6588	5,0 - 6,0

RAW MATERIAL

Pine (pinus silvestris)	70 – 90 %
Spruce (picea abies)	10 – 30 %

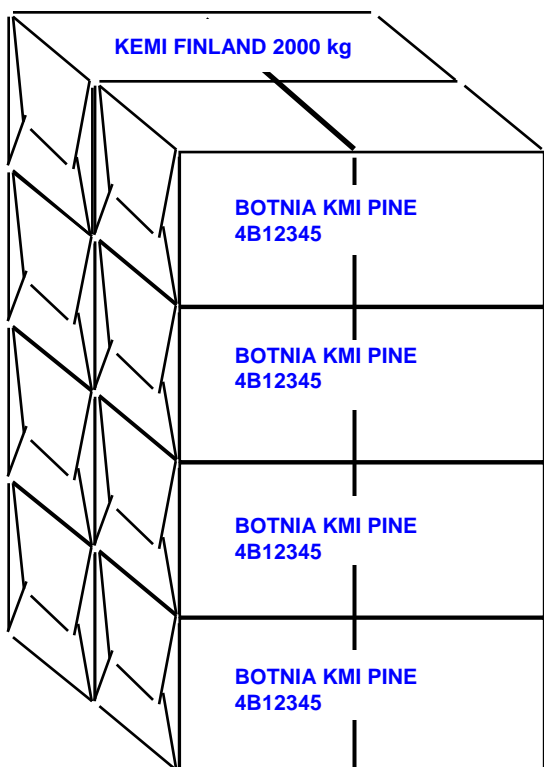
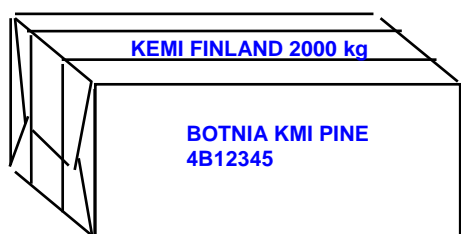


Specific refining energy	CSF	Schopper-Riegler	Tensile index	Tensile Stiffness Index	Tear index	Scott-Bond	Density	Opacity	Air resistance
kWh/t	ml		Nm/g	kNm/g	mNm ² /g	J/m ²	kg/m ³	%	(Gurley) s
0	677	15	41	4,5	19,6	152	631	70,5	3,6
50	630	16	68	6,1	13,8	327	694	66,7	7,1
100	558	19	81	6,9	11,6	516	732	64,1	17
150	484	23	88	7,5	10,4	735	758	61,8	46
200	391	29	92	7,8	9,7	1133	786	60,4	163
72	600	17	73	6,5	12,9	410	710	65,6	11
139	500	22	87	7,4	10,7	693	752	62,4	38
190	400	28	92	7,7	9,8	1045	781	60,9	138
109	544	20	82	7	11,4	558	737	63,7	23
164	451	25	90	7,6	10,2	862	768	61,5	78
210	368	30	93	7,9	9,6	1203	790	60,2	189
17	662	15	50	5	17,7	210	652	69,2	4,7
56	623	17	70	6,2	13,4	345	699	66,4	7,8

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

- Woodfree papers
- Tissue products
- Board products
- Speciality papers



SHEETS

Size:	84 x 76 cm
Grammage:	1100 – 1500 g/m ²

BALES

Size:	84 x 76 x 44 cm
Gross weight:	250 kg
Wrappers:	Kraft paper sheet
Markings:	Blue ink-jet printing, water soluble ink. Brand name and bale number on both sides of the bale.
Wires:	2 galvanized wires, diameter 2,3 mm

UNITS

Size:	91 x 152 x 178 cm
Gross weight:	2000 kg (8 x 250 kg)
Wires:	7 galvanized wires, diameter 3,0 mm