

Botnia Nordic Pine HUS

Bleached Softwood Kraft Pulp

Date: 26/06/2018

Raw material

Pine (<i>Pinus sylvestris</i>)	40–60 %
Spruce (<i>Picea abies</i>)	40–60 %

Pulp characteristics

Brightness, ISO Target 89 %

PulpExpertDCD

Fibre length, mm 1.80–2.30 mm

Valmet PulpExpert

Coarseness 0.140–0.180 mg/m

Kajaani FS-5 mod

Ash content 0–0.4 %

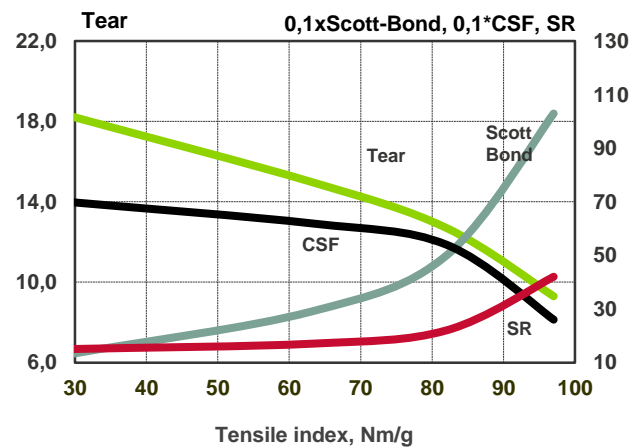
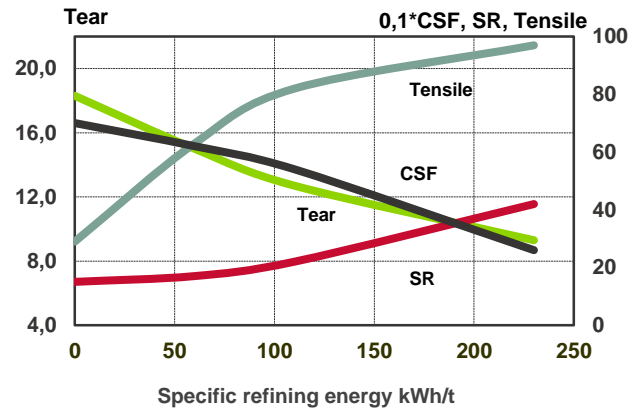
ISO 1762:2001

Viscosity Min. 700 ml/g

ISO 5351/1

pH 5.5 – 7.5

ISO 6588



Specific refining energy kWh/t	CSF ml	Schopper-Riegler - number	Tensile index Nm/g	Tensile Stiffness Index kNm/g	Tear index mNm ² /g	Scott-Bond J/m ²	Density kg/m ³	Opacity %	Air resistance (Gurley) s
0	698	15	29	4,2	18,3	126	586	70	1,7
60	620	17	63	6,7	15,0	290	671	65	4,8
110	535	22	82	8,2	12,7	497	733	61	15
230	255	42	97	9,1	9,3	1028	794	58	588

Mean (indicative) values from pulp testing with Voith-Sulzer Lab-Finer using standard water.
Specific Edge Load 2,5 Ws/m, ISO testing methods, testing climate 50 % RH, 23°C. Handsheets 65 g/m².



Metsä Board Husum

Address: SE-896 80 Husum, Sweden

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Applications

- Wood free speciality papers
- Wood free uncoated papers
 - Wood free coated papers
 - Folding boxboard
 - Tissue papers

Sheets

Size: 84 x 80 cm

Grammage: 800–1100 g/m²

Bales



Size: 86 x 83 x 40 cm

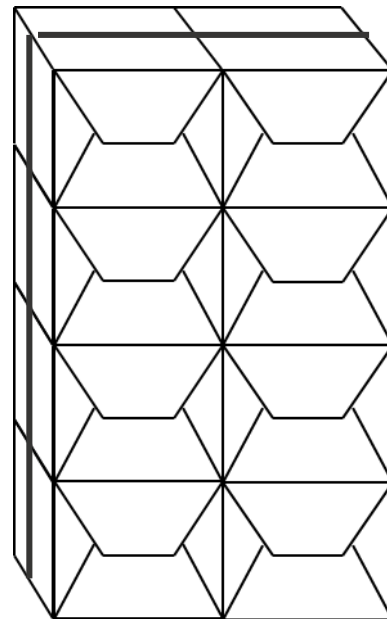
Gross weight : 250 kg

Wrappers: Pulp sheet

Wires: 4 galvanized wires,
diameters 2.3 mm

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

Units



Size: 86 x 166 x 160 cm

Gross weight: 2000 kg

Wires: 7-8 galvanized wires,
diameter 3.0 mm



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