

Metsä

Birch AKI

Datasheet Updated: 13/06/2023

Raw material

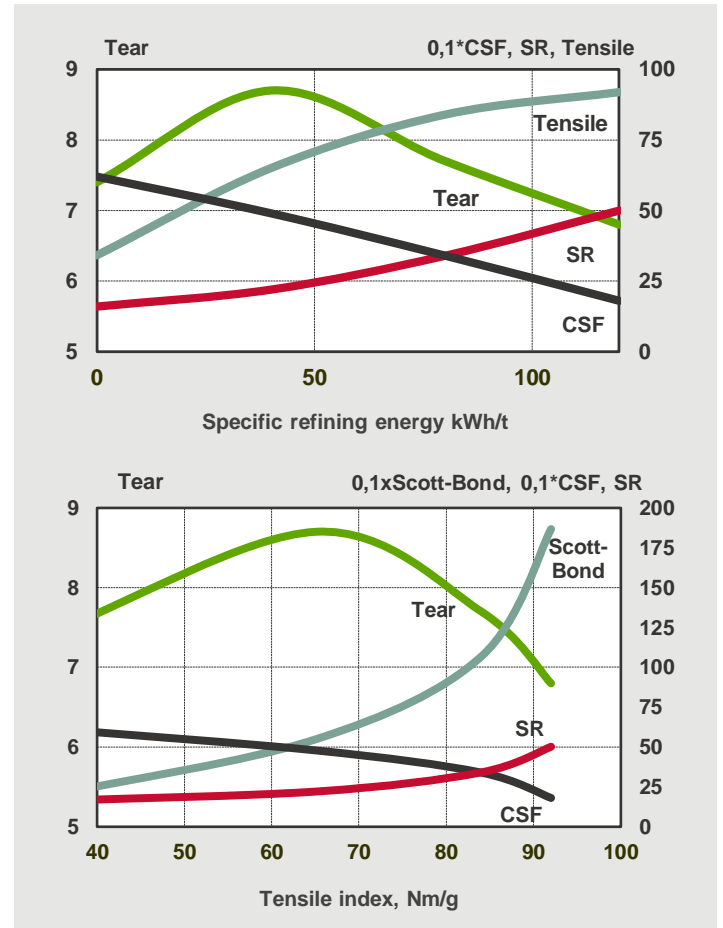
Birch (betula verrucosa) 90–100%	Aspen (populus tremula) 0–10%
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Pulp characteristics

Brightness, ISO (PulpExpertDCD) Target 89%	Fibre length, mm (ValmetMAP, Tappi T271) < 1.10 mm
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Coarseness (Valmet FS-5) 0.090–0.110 mg/m	Ash content (ISO 1762:2001) 0.1–0.7%
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Extractives (SCAN CM-49) < 0.25%	pH (ISO 6588) 5.0–7.0
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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	622	16	34	5,1	7,4	191	661	72,3	2,4
40	489	22	65	7,0	8,7	546	748	67,3	17
80	343	34	84	8,1	7,7	1070	820	62,5	155
120	185	50	92	8,5	6,8	1870	863	58,8	1797
37	500	21	63	6,8	8,8	513	742	67,7	15
65	400	29	78	7,8	8,2	855	795	64,3	66
30	523	20	58	6,6	8,7	440	727	68,6	10
52	447	25	72	7,4	8,6	687	772	65,8	32
19	561	18	50	6,1	8,5	335	703	69,9	6,0
49	458	24	70	7,3	8,6	650	766	66,2	28

Mean (indicative) values from pulp testing with Lab-Finer using standard water.
Specific Edge Load 0,4 Ws/m, ISO testing methods, testing climate 50% RH, 23°C. Handsheets 60 g/m².

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End uses

Speciality papers

Wood free papers

Tissue papers

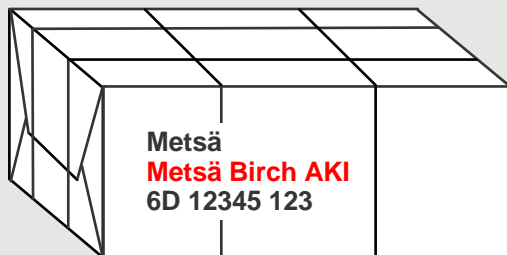
Board products

Sheets

Size 84 x 75 cm

Grammage 900 – 1100 g/m²

Bales



Size 86 x 77 x 42 cm

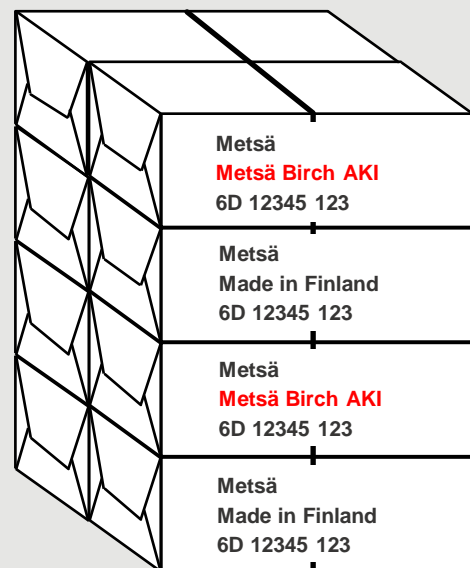
Gross weight 250 kg

Wrappers Pulp sheet

Wires 4 galvanized wires, diameters 2.3 mm

Markings
Black and red ink-jet printing, water soluble ink
Brand name and bale number on outside of the bale

Units



Size 86 x 154 x 168 cm

Gross weight 2,000 kg (8 x 250 kg)

Wires 8 galvanized wires, diameter 3.0 mm

Identification RFID tag 1/ton