

Metsä Birch KMI

Datasheet updated: 4/1/2024

Raw material

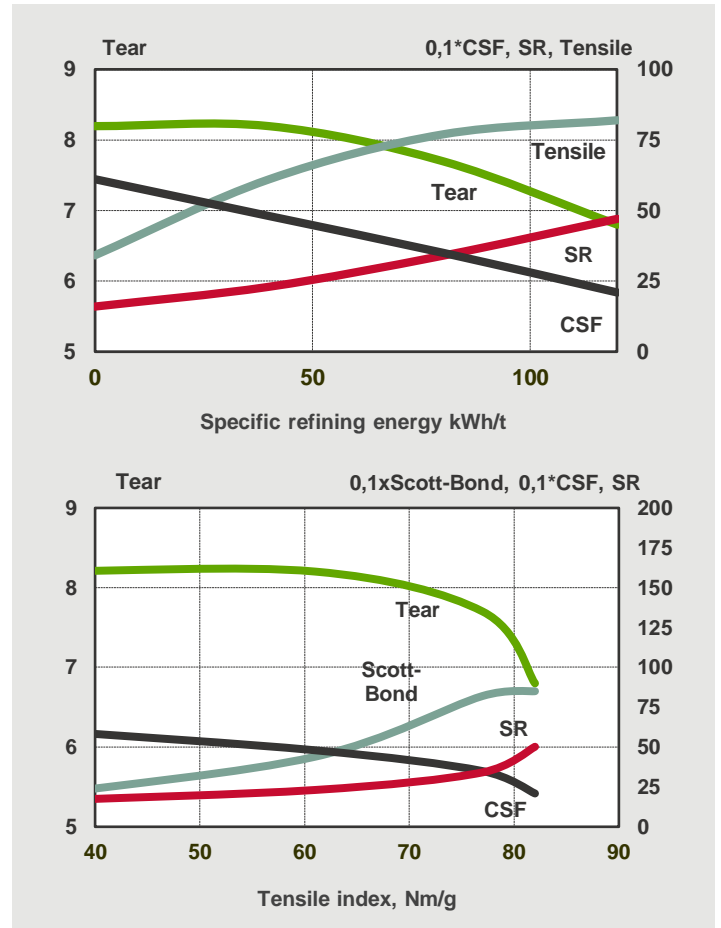
Birch (betula verrucosa) 90–100%	Aspen (populus tremula) 0–10%
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Pulp characteristics

Brightness, ISO (PulpExpertDCD) Target 89%	Fibre length, mm (Valmet MAP Tappi T271) < 1.10 mm
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Coarseness (Kajaani FS-5) 0.090–0.120 mg/m	Ash content (ISO 1762:2001) 0–0.6%
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Extractives (ISO 14453) < 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	606	16	34	5,0	8,2	190	667	72,8	2,6
40	481	23	61	6,9	8,2	445	755	69,5	18
80	348	34	77	8,0	7,7	654	821	65,7	121
120	206	47	82	8,3	6,8	799	849	63,2	773
34	500	22	57	6,7	8,2	406	742	70,1	14
64	400	29	72	7,7	8,0	883	799	67,0	57
25	528	20	52	6,3	8,3	347	723	71,1	9,0
48	455	25	65	7,2	8,2	494	770	68,7	27
22	538	19	50	6,1	8,3	327	717	71,4	8,0
60	415	28	70	7,6	8,0	562	792	67,5	47

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

Tissue papers

Wood free papers

Speciality papers

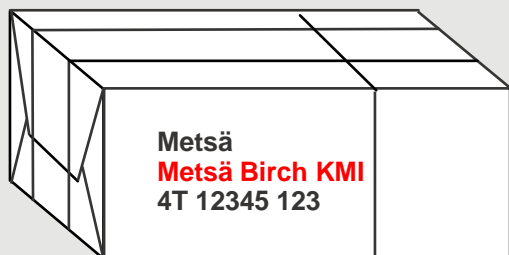
Board products

Sheets

Size 83 x 75 cm

Grammage 1000 – 1200 g/m²

Bales



Size 86 x 77 x 42 cm

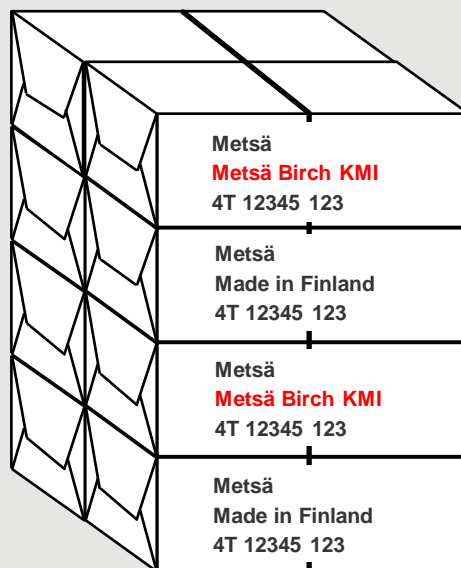
Gross weight 250 kg

Wrappers Pulp sheet

Wires 3 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 167 cm

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

Wires 8 galvanized wires, diameter 3.0 mm

Identification RFID tag 1/ton