

Metsä Pine KMI

Datasheet Updated: 13/06/2023

Raw material

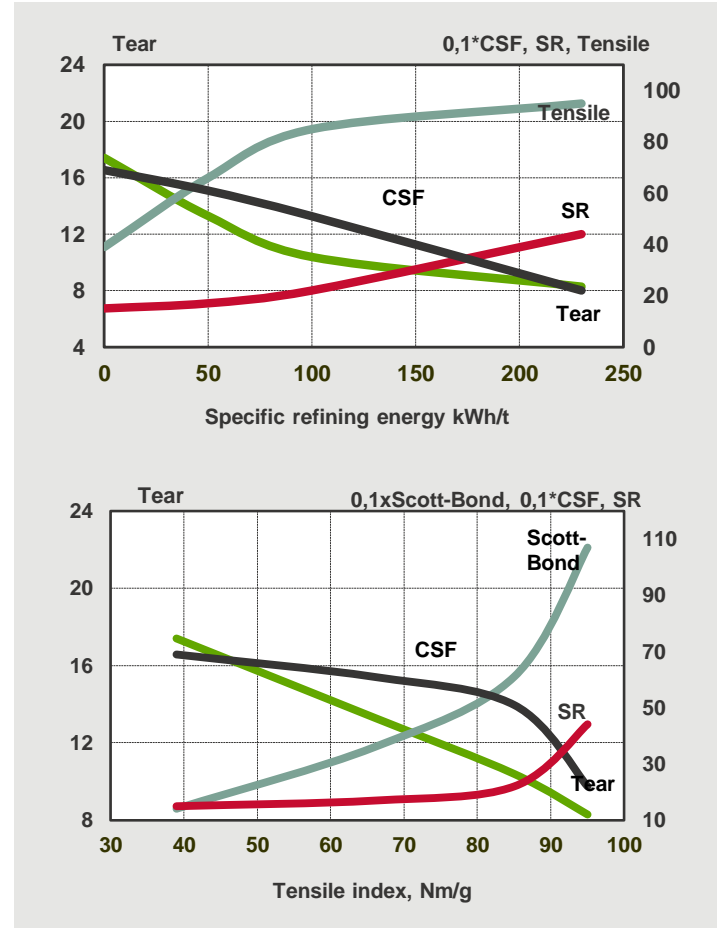
Pine (pinus sylvestris) 70–100%	Spruce (picea abies) 0–30%
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Pulp characteristics

Brightness, ISO (PulpExpertDCD) Target 88,5%	Fibre length, mm (ValmetMAP) Typical value 2.00 mm
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Coarseness (Valmet FS-5) 0.140–0.165 mg/m	Ash content (ISO 1762:2001) 0–0.4%
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Viscosity (ISO 5351) min. 700 ml/g	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	689	15	39	5,2	17,4	144	629	69,6	2,4
50	607	17	66	7,0	13,3	356	698	65,6	8,2
100	514	22	85	8,2	10,4	609	760	61,9	31
230	220	44	95	8,8	8,3	1073	826	56,7	1605
54	600	18	68	7,1	13,0	376	703	65,3	9,0
107	500	23	87	8,3	10,1	641	767	61,4	37
82	548	20	79	7,8	11,3	520	739	63,1	19
125	463	25	91	8,6	9,4	720	785	60,2	62
59	591	18	70	7,2	12,7	402	710	64,9	10
120	473	24	90	8,5	9,5	699	780	60,5	54

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.

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End uses

Wood free papers

Tissue products

Board products

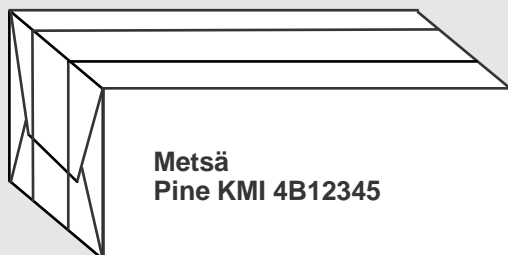
Speciality papers

Sheets

Size 88 x 76 cm

Grammage 1100 – 1500 g/m²

Bales



Size 88 x 76 x 44 cm

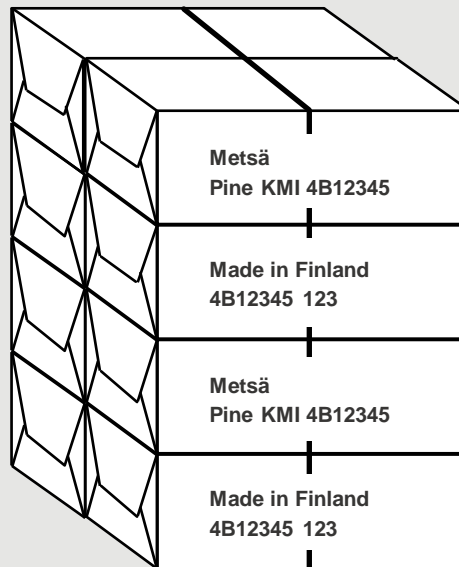
Gross weight 250 kg

Wrappers Kraft paper sheet

Wires 2 galvanized wires, diameters 2.3 mm

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

Units



Size 88 x 152 x 178 cm

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

Wires 8 galvanized wires, diameter 3.0 mm

Identification RFID tag 1/ton