

Metsä Pine AKI

Datasheet Updated: 13/06/2023

Raw material

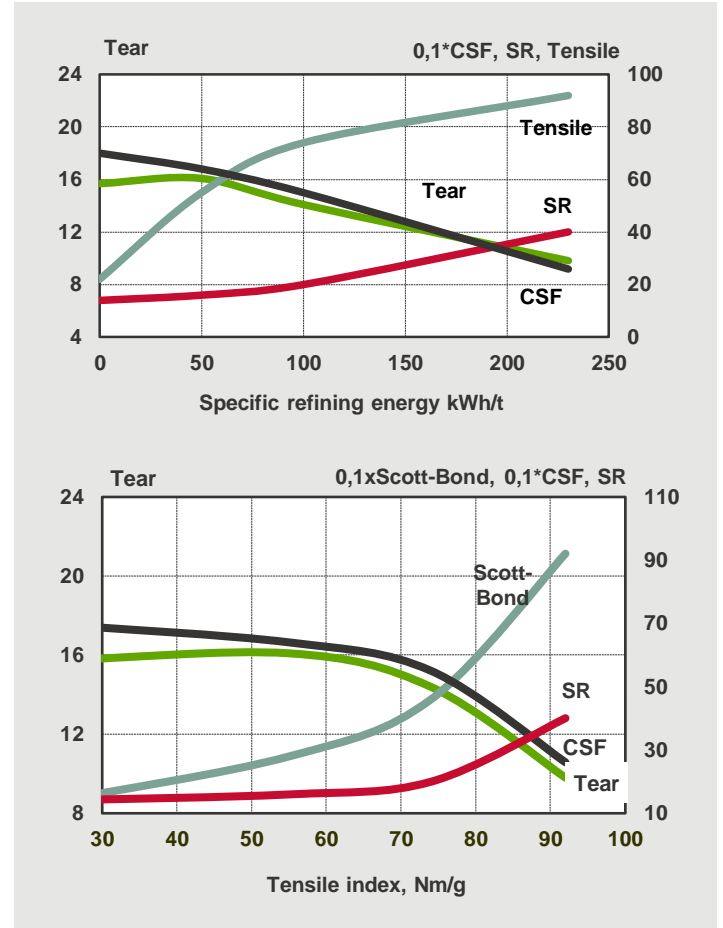
Pine (pinus sylvestris) 50–80%	Spruce (picea abies) 20–50%
---	--

Pulp characteristics

Brightness, ISO (PulpExpertDCD) Target 88,5%	Fibre length, mm (ValmetMAP, ISO16065-2) Typical value 2.10 mm
---	---

Coarseness (Valmet FS-5) 0.140–0.170 mg/m	Ash content (ISO 1762:2001) 0–0.4%
--	---

Viscosity (ISO 5351) min. 700 ml/g	pH (ISO 6588) 5.0–7.0
---	------------------------------------



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	701	14	22	3,5	15,7	127	568	70,7	1,1
50	643	16	55	6,1	16,1	276	659	65,8	3,3
100	550	20	74	7,4	14,1	460	719	62,6	11
230	258	40	92	8,6	9,8	917	801	58,0	699
75	600	18	66	6,9	15,3	366	693	63,9	6,0
123	500	22	79	7,7	12,9	545	736	61,7	22
102	546	20	74	7,4	14,0	467	720	62,5	12
144	451	25	82	7,9	11,8	619	748	61,0	40
87	577	19	70	7,1	14,8	411	706	63,2	8,1
214	291	37	90	8,4	9,7	857	786	58,8	394

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.

Metsä Pine AKI

Datasheet Updated: 13/06/2023

End uses

Speciality papers

Wood free papers

Tissue papers

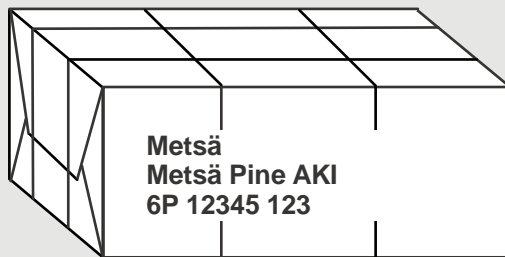
Board products

Sheets

Size 84 x 75 cm

Grammage 900 – 1100 g/m²

Bales



Size 86 x 77 x 42 cm

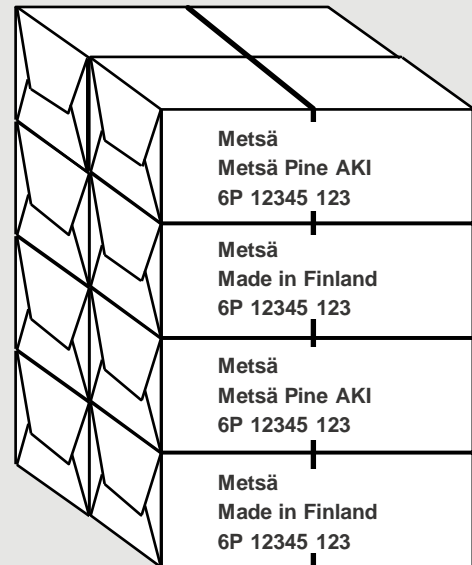
Gross weight 250 kg

Wrappers Pulp sheet

Wires 4 galvanized wires, diameters 2.3 mm

Markings Black 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