

Botnia High Yield

BULK

Date: 01/01/2018

Tailor made TCF* High Yield Pulp with high bulk for printing and writing papers

Target values

Bulk, cm³/g 2.3

ISO 5270/534

Brightness % 82.0

ISO 2470

Raw material

Hardwood 70–100 %

Softwood 0–30 %

Typical Pulp Characteristics

Canadian standard 300

freeness, ml

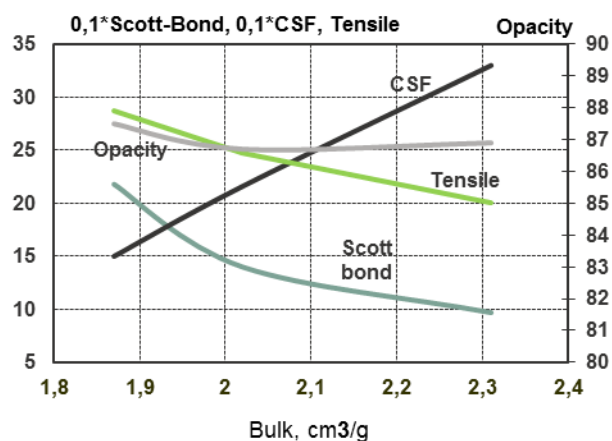
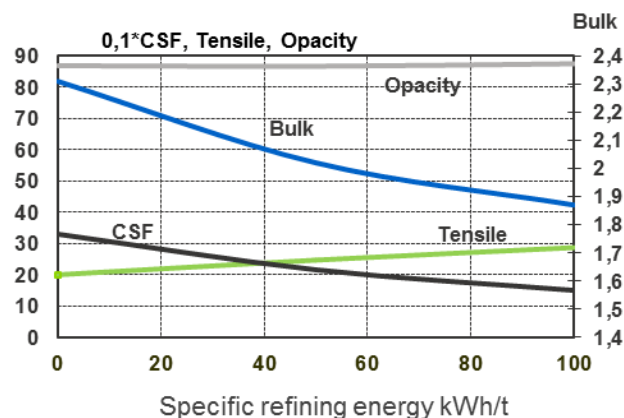
ISO 5267-2

pH 6.0

ISO 6588

Shives (Pulmac, %) < 0.3

0.004" slots



Beating energy	CSF	Bulk	Tensile index	Tear index	Scott bond	Opacity	Light scattering	Air resistance
kWh/t	ml	cm ³ /g	Nm/g	mNm ² /g	J/m ²	%	m ² /kg	(Gurley) s
0	330	2,31	20,0	2,2	97	86,9	48,7	7,9
50	216	2,02	24,7	2,1	140	86,7	50,8	23
100	150	1,87	28,7	2,1	218	87,5	52,8	48

Typical (indicative) values from pulp testing with Voith-Sulzer LR1-laboratory refiner. Specific Edge Load 0,3 J/m, ISO testing methods, 60 gsm sheets recirculation, testing climate 50 % RH, 23°C. PLEASE NOTE! The laboratory refining results are given only to inform how different properties develop during the refining. Quality control of Metsä Board High Yield Pulp is based on handsheet measurements of unrefined pulp.

*TCF = Totally Chlorine Free



Metsä Board Kaskinen

Address: FI-64260 Kaskinen, Finland

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Applications

- Speciality papers
- High bulk uncoated and coated P & W

Certificates

ISO 9001	Quality system
ISO 14001	Environmental management system
OHSAS 18001	Health and safety management system
ISO 22000	Food Safety management system
ISO 50001	Energy Management system
PEFC COC	Chain of Custody
FSC COC/CW	Chain of Custody Controlled wood

Bales

Size: 90 (l) x 60 (w) x 60 (h) cm

Gross weight : c. 250 kg

Wrappers: Kraft paper sheet

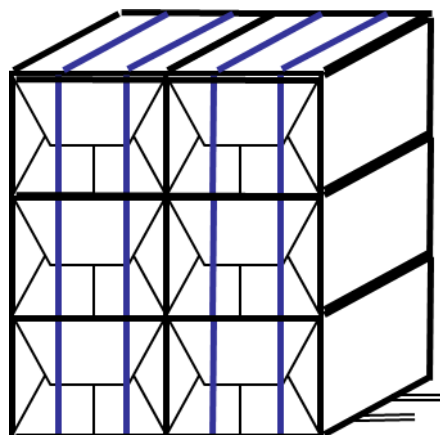
Wires: 2 galvanized wires, diameters 2.3 mm

Markings: Red ink-jet printing, water soluble ink.

Brand name and bale number stamped on the unit.

**Botnia High Yield
BULK AE 12345**

Units



Size: 90 x 120 x 180 cm

Gross weight: 1,500 kg, 6 bales in unit

Wires: 6-7 galvanized wires, diameter 3.0 mm

