

Tailor made TCF* High Yield Pulp with premium bulk for board and book papers

Metsä High Yield

SUPER BULK

Datasheet Updated: 3/11/2023

Target values

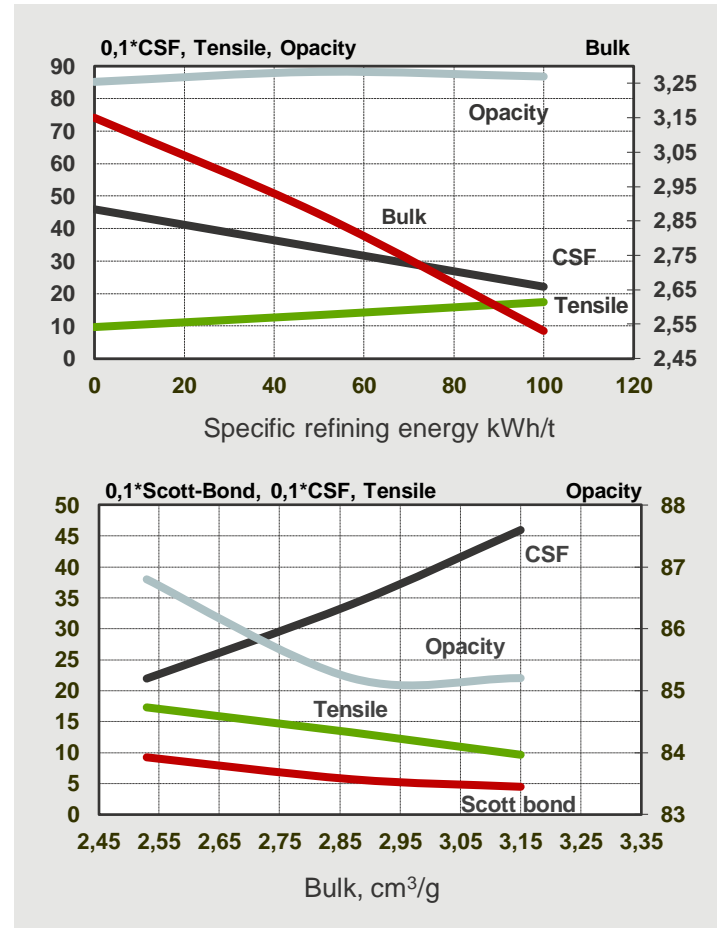
Bulk, cm³/g 3.2 (min. 3.0) ISO 5270/534	Brightness % 81.0 (min. 78) ISO 2470-1
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Raw material

Hardwood Birch	Softwood Spruce
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Pulp characteristics

Canadian standard freeness, ml ISO 5267-2	470
pH ISO 6588	7
Shives (Pulmac, %) 0.004" slots	< 1 (max. 1,5)



Beating energy kWh/t	CSF ml	Bulk cm ³ /g	Tensile index Nm/g	Tear index mNm ² /g	Scott-Bond J/m ²	Opacity %	Light scattering m ² /kg	Air resistance (Gurley) s
0	460	3,15	9,6	1,4	45	85,2	46,1	1,0
50	340	2,87	13,3	1,5	57	86,2	50,7	3,0
100	220	2,53	17,3	1,6	92	86,8	52,5	7,2

Typical (indicative) values from pulp testing with Voith-Sulzer LR1-laboratory refiner. Specific Edge Load 0,3 J/m, ISO testing methods (ISO 5263-3 Conventional sheet former using a closed water system), 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 measurements of 140 gsm handsheet.

*TCF = Totally Chlorine Free



Metsä Board, Kaskinen
Address: FI-64260 Kaskinen, Finland

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End uses

Board and tissue

High bulk uncoated and coated P & W

Bales



Size 90 x 60 x 60 cm

Gross weight c. 230 kg

Wrappers Kraft paper sheet

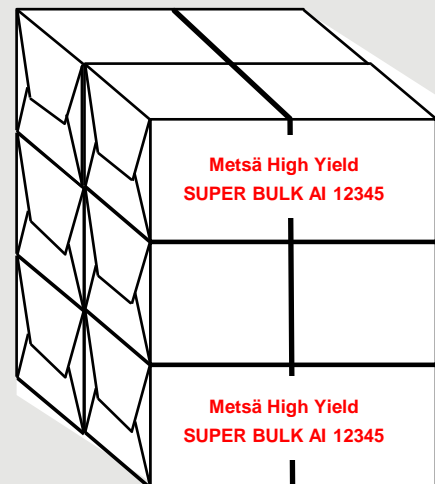
Wires 2 galvanized wires, diameters 2.3 mm

Markings Red ink-jet printing, water soluble ink
Brand name and bale number stamped on the bale

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	Chain of Custody, Controlled wood	✓

Units



Size 90 x 120 x 180 cm

Gross weight 1,380 kg, 6 bales in unit

Wires 6 galvanized wires, diameter 3.0 mm