

Metsä Birch Hus

Datasheet Update: 13/06/2022

Raw material

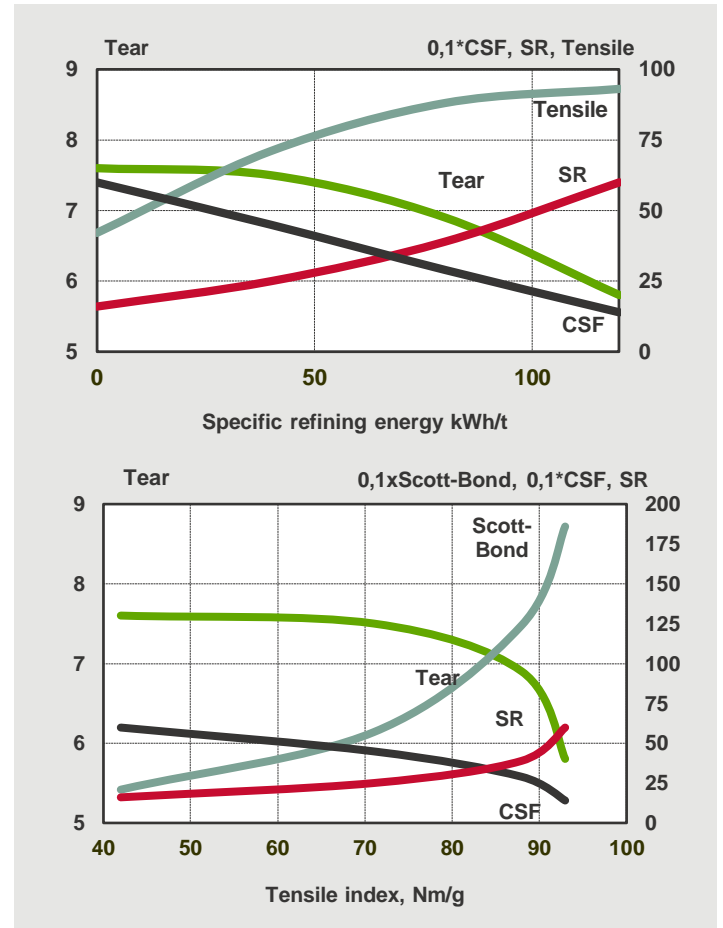
Birch (betula verrucosa) 85–100%	Aspen (populus tremula) 0–15%
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Pulp characteristics

Brightness, ISO (PulpExpertDCD) Target 89%	Fibre length, mm (ValmetMAP, Tappi T271) 0.8-1.05 mm
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Coarseness (Valmet FS-5) 0.090–0.110 mg/m	Ash content (ISO 1762:2001) 0–0.4%
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Extractives (ISO 14453) < 0.2%	pH (ISO 6588) 5.5–7.5
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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	603	16	42	6,2	7,6	206	678	71,2	2,2
40	448	25	71	8,0	7,5	574	759	66,1	18
80	293	39	88	8,9	6,9	1244	827	61,0	191
120	136	60	93	9,2	5,8	1862	871	56,8	2873
27	500	21	61	7,3	7,5	451	741	68,1	8,7
52	400	28	75	8,2	7,4	725	791	64,8	37
21	522	20	58	7,2	7,6	361	721	68,6	6,3
40	448	25	71	8,0	7,5	574	759	66,1	18
10	565	18	50	6,8	7,6	270	699	69,9	3,6
39	452	25	70	7,9	7,5	561	756	66,2	17

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 65 g/m².

Metsä Birch HUS

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End uses

Wood free speciality papers

Wood free uncoated papers

Wood free coated papers

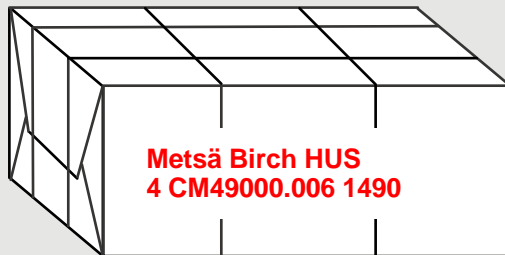
Tissue papers

Sheets

Size 84 x 80 cm

Grammage 800 – 1100 g/m²

Bales



Size 86 x 83 x 40 cm

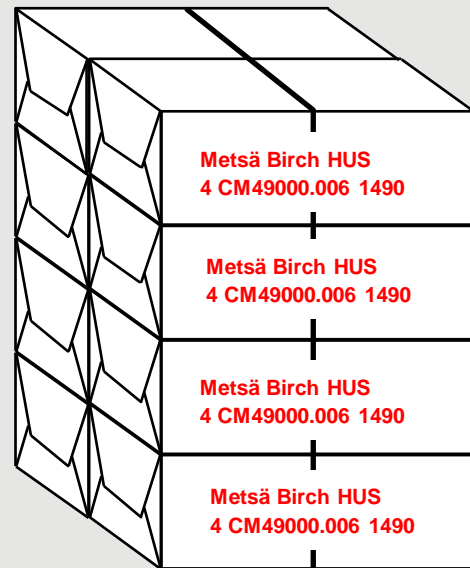
Gross weight 250 kg

Wrappers Pulp sheet

Wires 4 galvanized wires, diameters 2.3 mm

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

Units



Size 86 x 166 x 160 cm

Gross weight 2,000 kg

Wires 8 galvanized wires, diameter 3.0 mm