

Metsä High Yield

TENSILE

Datasheet Updated: 24/11/2022

Target values

Tensile index	Brightness %
38	82.0
ISO 5270/1924-2	ISO 2470-1

Raw material

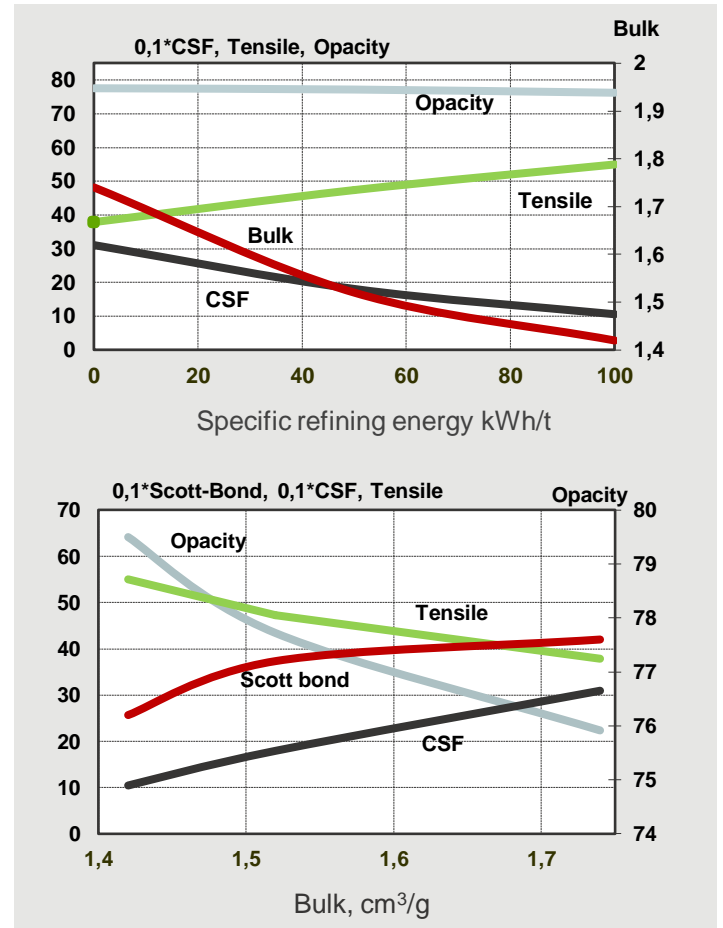
Hardwood	Softwood
Aspen	Spruce

Pulp characteristics

Canadian standard freeness, ml	300
ISO 5267-2	

pH	8.5
ISO 6588	

Shives (Pulmac, %)	< 0.3
0.004" slots	



Beating energy kWh/t	CSF ml	Bulk cm³/g	Tensile index Nm/g	Tear index mNm²/g	Scott-Bond J/m²	Opacity %	Light scattering m²/kg	Air resistance (Gurley) s
0	310	1,74	37,9	3,7	224	77,6	37,0	37
50	180	1,52	47,3	3,7	434	77,2	35,7	248
100	105	1,42	55	3,3	641	76,2	33,7	526

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 High Yield

TENSILE

Datasheet Updated: 24/11/2022

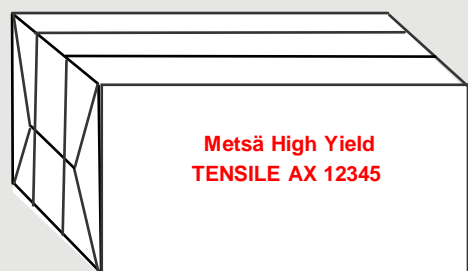
End uses

Tissue

Speciality papers

Coated and uncoated P & W papers

Bales

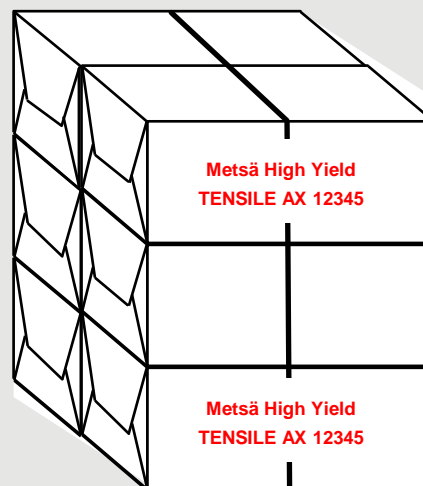


Size	90 x 60 x 60 cm
Gross weight	250 kg
Wrappers	Kraft paper sheet
Wires	2 galvanized wires, diameters 2.3 mm
Markings	Red ink-jet printing, water soluble ink Brand name and bale number stamped on the bale

Certificates

ISO 9001	Quality system	<input checked="" type="checkbox"/>
ISO 14001	Environmental management system	<input checked="" type="checkbox"/>
OHSAS 18001	Health and safety management system	<input checked="" type="checkbox"/>
ISO 22000	Food safety management system	<input checked="" type="checkbox"/>
ISO 50001	Energy management system	<input checked="" type="checkbox"/>
PEFC™ COC	Chain of Custody	<input checked="" type="checkbox"/>
FSC® COC	Chain of Custody, Controlled wood	<input checked="" type="checkbox"/>

Units



Size	90 x 120 x 180 cm
Gross weight	1,500 kg, 6 bales in unit
Wires	6 galvanized wires, diameter 3.0 mm