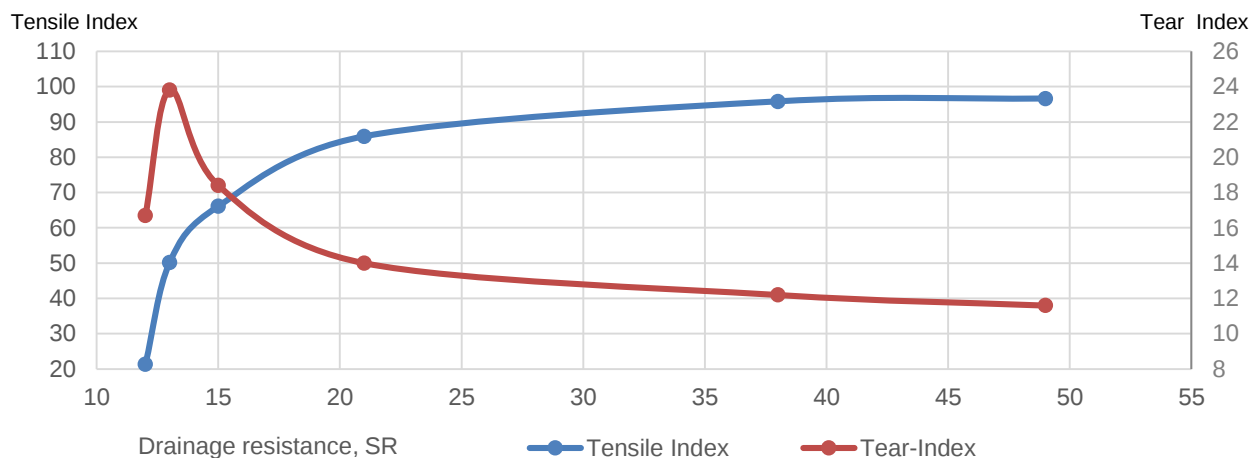


Technical Product Information

Mercer Stendal ECF LXX 70 % SMC (typical properties)

Northern Bleached Softwood Kraftpulp made of pine (40 to 70 %) and spruce (30 to 60 %)
PFI-mill at 23°C and 50 % relative humidity



Beating revolutions		0	1000	2000	5000	9000	11000	CoV [%] 5000 rev	Method
Density	kg/m³	548	641	682	737	782	799	1.1	DIN EN ISO 534
Drainage resistance*	SR	12	13	15	21	38	49	4.4	DIN EN ISO 5267-1
Tensile index	kNm/kg	21.3	50.2	66.1	85.9	95.8	96.6	2.8	DIN ISO 1924-3
Elongation	%	2.0	3.1	3.3	3.3	3.3	3.3	8.2	DIN ISO 1924-3
Tear Index	Nm²/kg	16.7	23.8	18.4	14.0	12.2	11.6	5.0	DIN EN ISO 1974
Burst Index	MN/kg	1.3	3.6	4.8	6.4	6.9	7.1	3.8	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.1	2.6	4.5	16.2	85.3	164	21.9	ISO 5636-5
Light scattering coefficient	m²/kg	31.4	25.1	23.2	19.5	18.0	17.7	3.0	ISO 9416
Opacity	%	75.5	71.8	70.2	66.8	64.5	64.0	0.9	ISO 2471

* Analysed using tap water Sheet former (Rapid Köthen)

General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	89,4	>88.5	% ISO	ISO 3688					
Sheet brightness	88.8	-	%	ISO 2470	Fibre length	2.26	2.9	mm	Pulp Eye
Brightness reversion	3,3	-	%	ISO 5630-1*	Fibre width	23.3	1.4	µm	Pulp Eye
Dirt count	1.3	<3	mm²/kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	730	>600	ml / g	ISO 5351					
Ash	0.16	<0.30	%	ISO 1762					
pH	5.1	-		SCAN P 14:65**					
Organic chlorine in pulp	42	<100	mg/kg	SCAN CM 52:94					
AOX removable by washing	2	<5	mg/kg	SCAN CM 44:97					

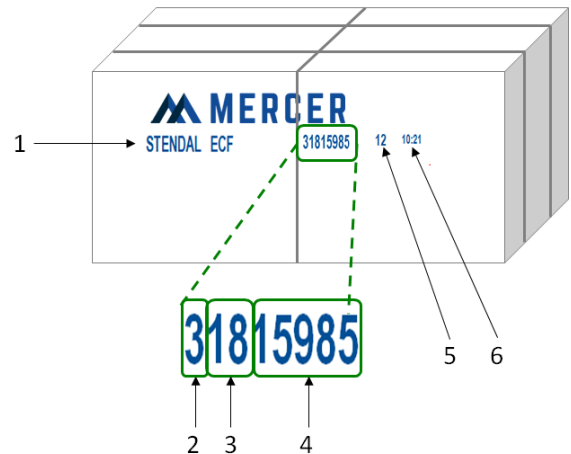
* time 24 h

** use of KCl instead of deion. Water



Bale marking

- 1 – Mill and pulp grade (ECF, TCF, other/XXXX)
- 2 – Mill (Mercer Rosenthal: 2, Mercer Stendal: 3)
- 3 – Year (18 for 2018)
- 4 – Charge number
- 5 – Unit number
- 6 – Production time (Stendal only)



Dimensions Standard bales

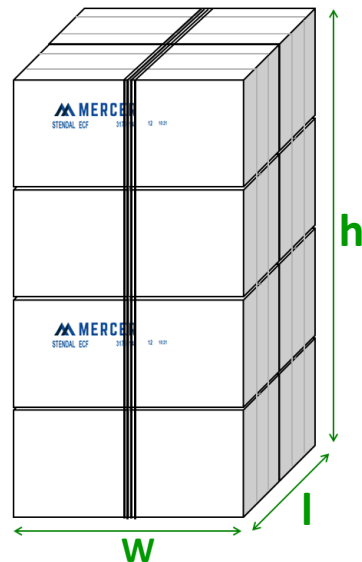
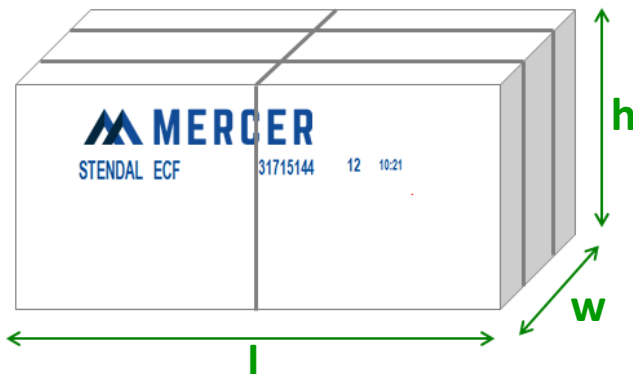
Standard bales

Bales: 85 x 80 x 40 cm (l x w x h)
250 kg
3 wires (one alongside, two cross)

Stack: 4 bales

Unit: 2 stacks resp. 8 bales
2 tons
8 wires
160 x 85 x 160 cm (l x w x h)

Wire Material: Zinc plated steel



Dimensions Jumbo/Big bales (Stendal only)

Bales: 85 x 80 x 160 (l x w x h)
1 ton
2 wires (cross)

Unit: 2 stacks resp. 2 bales
2 tons
8 wires
160 x 85 x 160 cm (l x w x h)

Wire Material: Zinc plated steel