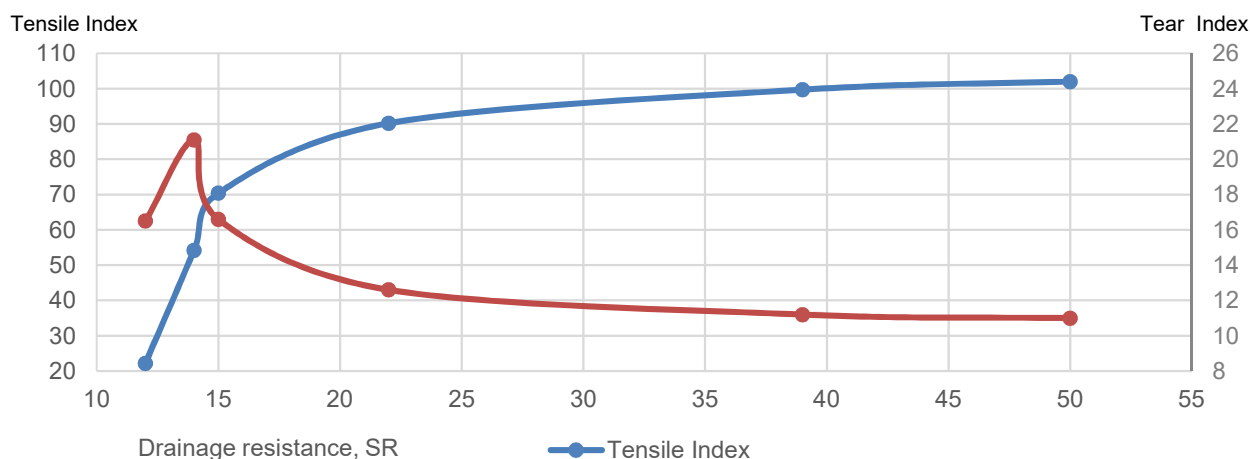


Technical Product Information

Mercer Stendal ECF (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/m ³	548	634	679	743	779	795	1.1	DIN EN ISO 534
Drainage resistance*	SR	12	14	15	22	39	50	5.1	DIN EN ISO 5267-1
Tensile index	kNm/kg	22,2	54.2	70.4	90.2	99.7	102.0	2.9	DIN ISO 1924-3
Elongation	%	2.1	3.3	3.4	3.4	3.3	3.2	7.8	DIN ISO 1924-3
Tear Index	Nm ² /kg	16,5	21,1	16,6	12,6	11,2	11.0	4.8	DIN EN ISO 1974
Burst Index	MN/kg	1.4	3.9	5.3	6.7	7.3	7.3	3.7	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.3	3.4	6.1	23.1	114	215	17.8	ISO 5636-5
Light scattering coefficient	m ² /kg	32.4	25.9	23.7	20.1	18.4	17.3	4.1	ISO 9416
Opacity	%	76.7	72.5	70.7	66.9	64.7	63.8	2.1	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	Fibre length	2.12	2.4	mm	Pulp Eye
Sheet brightness	88.8	-	%	ISO 2470	Fibre width	22.7	3.1	µm	Pulp Eye
Brightness reversion	3,3	-	%	ISO 5630-1*					
Dirt count	1.0	<3	mm ² /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	725	>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					

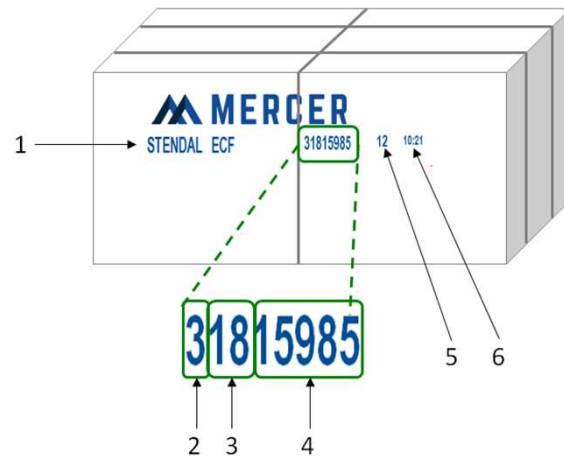
* time 24 h

** 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

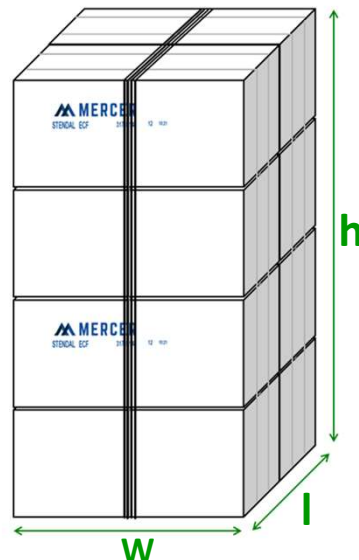
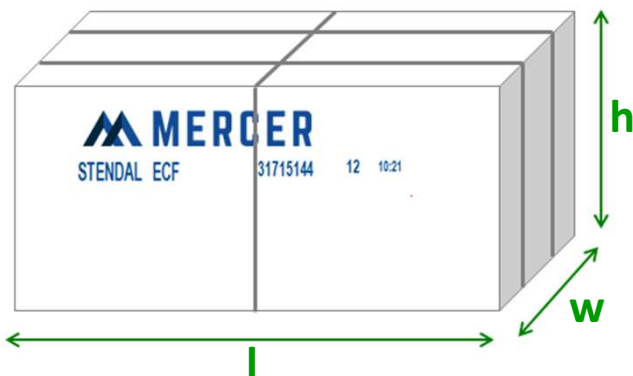
Standard bales

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