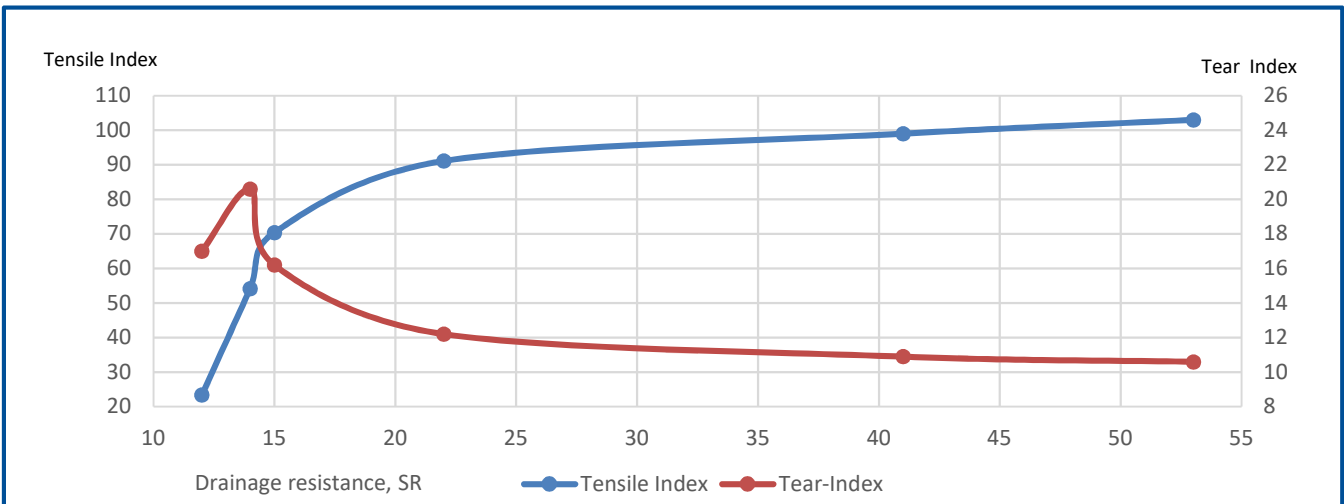


Technical Product Information

Mercer Stendal TCF (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	557	646	691	754	796	812	0.8	DIN EN ISO 534
Drainage resistance*	SR	12	14	15	22	41	53	4.4	DIN EN ISO 5267-1
Tensile index	kNm/kg	23.4	54.2	70.4	91.1	99.0	103	3.0	DIN ISO 1924-3
Elongation	%	2.2	3.4	3.5	3.4	3.3	3.3	8.4	DIN ISO 1924-3
Tear Index	Nm ² /kg	17.0	20.6	16.2	12.2	10.9	10.6	4.4	DIN EN ISO 1974
Burst Index	MN/kg	1.5	4.0	5.3	6.7	7.2	7.3	3.8	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.5	3.5	6.4	26.3	126	286	19	ISO 5636-5
Light scattering coefficient	m ² /kg	32.2	25.8	23.1	19.3	17.3	16.7	1.6	ISO 9416
Opacity	%	77.7	73.3	71.1	67.5	64.3	63.5	1.4	ISO 2471

*Analysed using tap water Sheet former (Rapid Köthen)

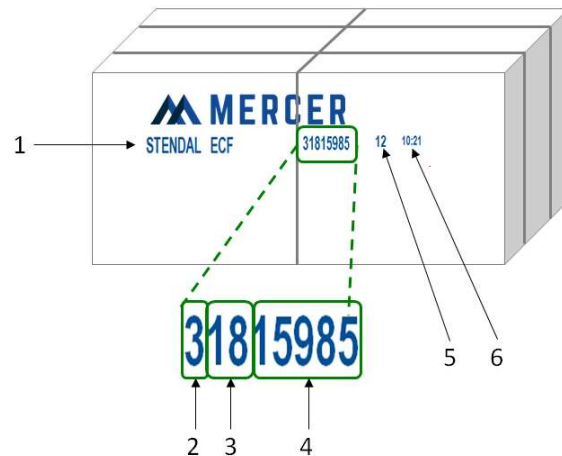
General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	85.8	>84.5	% ISO	ISO 3688	Fibre length	2.09	2.4	mm	Pulp Eye
Sheet brightness	85.0	-	%	ISO 2470	Fibre width	22.5	7.9	µm	Pulp Eye
Brightness reversion	4.4	-	%	ISO 5630-1*					
Dirt count	1.3	<3	mm ² /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	707	>600	ml / g	ISO 5351					
Ash	0.22	<0.30	%	ISO 1762					
pH	5.1	-		SCAN P 14:65**					
Organic chlorine in pulp	16	<30	mg/kg	SCAN CM 52:94					
AOX removable by washing	0.3	<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

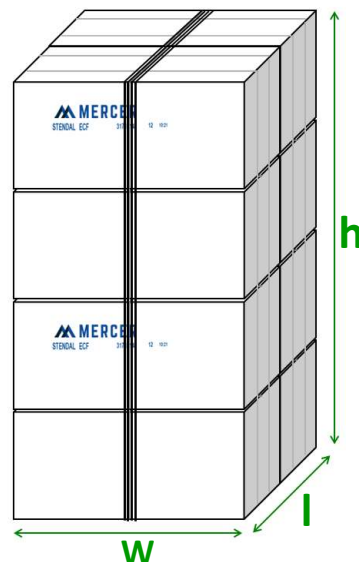
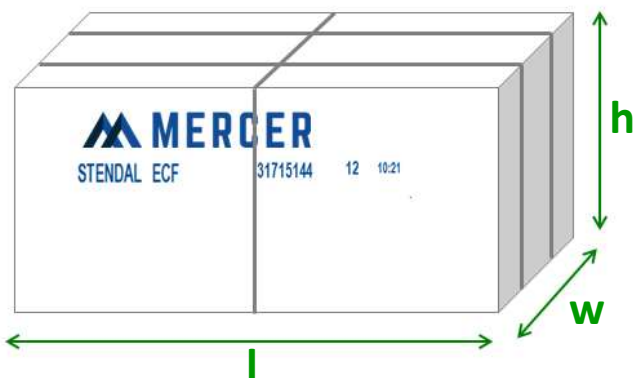
Standard bales

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