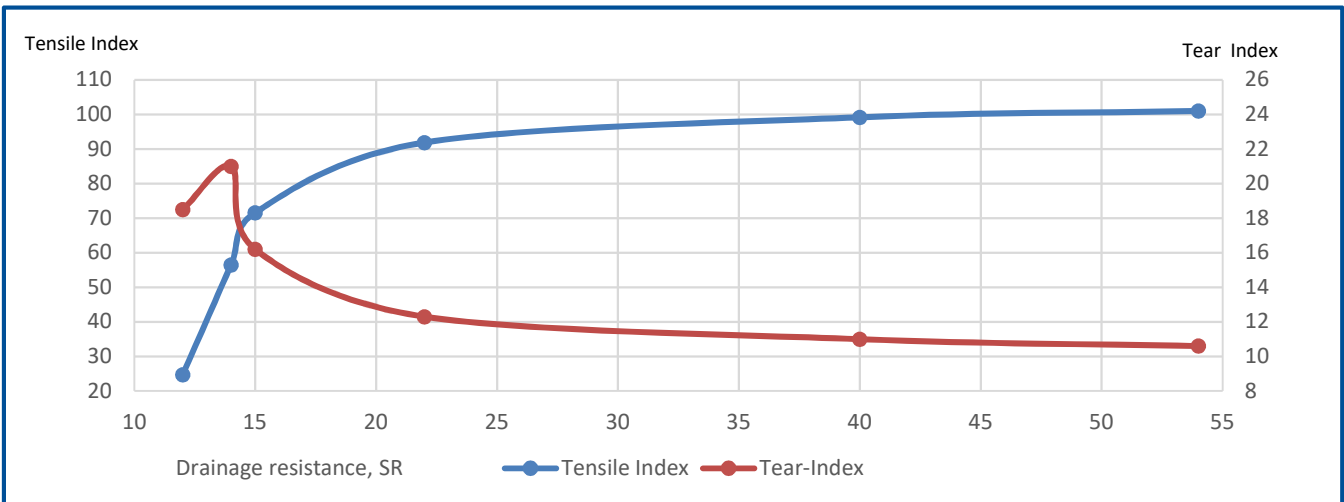


# Technical Product Information

## 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 <sup>3</sup>	557	650	695	756	797	814	1.2	DIN EN ISO 534
Drainage resistance*	SR	12	14	15	22	40	54	5.8	DIN EN ISO 5267-1
Tensile index	kNm/kg	24.7	56.5	71.6	91.9	99.2	101	3.3	DIN ISO 1924-3
Elongation	%	2.4	3.8	3.9	3.9	3.8	3.8	3.6	DIN ISO 1924-3
Tear Index	Nm <sup>2</sup> /kg	18.5	21.0	16.2	12.3	11.0	10.6	5.5	DIN EN ISO 1974
Burst Index	MN/kg	1.6	4.0	5.2	6.7	7.0	7.3	3.9	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.6	4.0	7.0	28.9	157	340	26	ISO 5636-5
Light scattering coefficient	m <sup>2</sup> /kg	32.9	25.7	23.3	19.7	17.7	17.2	1.9	ISO 9416
Opacity	%	77.4	72.5	70.5	66.9	63.9	63.5	2.2	ISO 2471

\*Analysed using tap water Sheet former (Rapid Köthen)

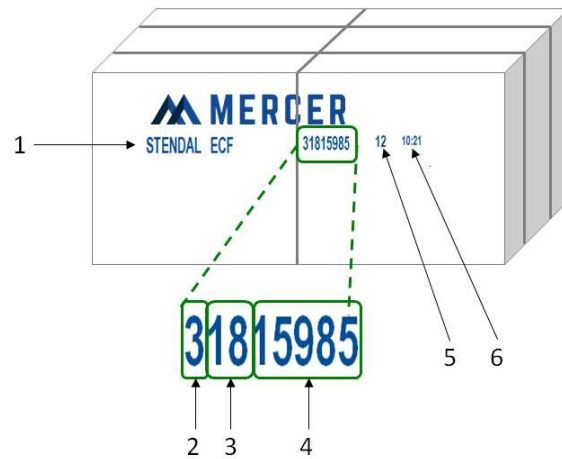
General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	85.1	>84.5	% ISO	ISO 3688					
Sheet brightness	84,8	-	%	ISO 2470	Fibre length	2.19	2.4	mm	Pulp Eye
Brightness reversion	4.6	-	%	ISO 5630-1*	Fibre width	22.7	3.5	µm	Pulp Eye***
Dirt count	2.3	<3	mm <sup>2</sup> /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	722	>600	ml / g	ISO 5351					
Extractives	0.07	<0.10	%	SCAN CM 49:03					
Ash	0.16	<0.30	%	ISO 1762					
pH	5.1	-		SCAN P 14:65**					
Organic chlorine in pulp	12	<30	mg/kg	SCAN CM 52:94					
AOX removable by washing	0.8	<5	mg/kg	SCAN CM 44:97					

\* time 24 h      \*\* use of KCl instead of deion. Water      \*\*\* new PulpEye Analyzer October 2022



## 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

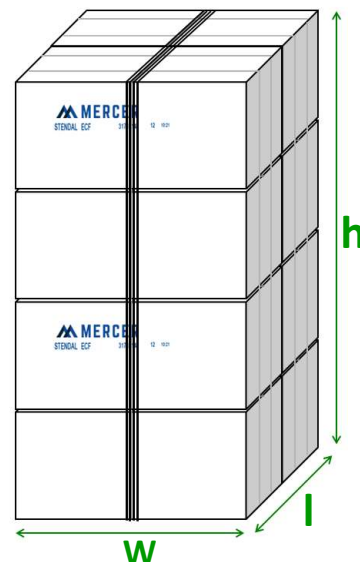
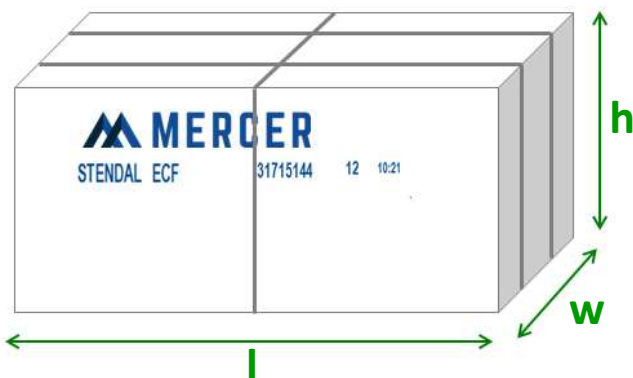
### Standard bales

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