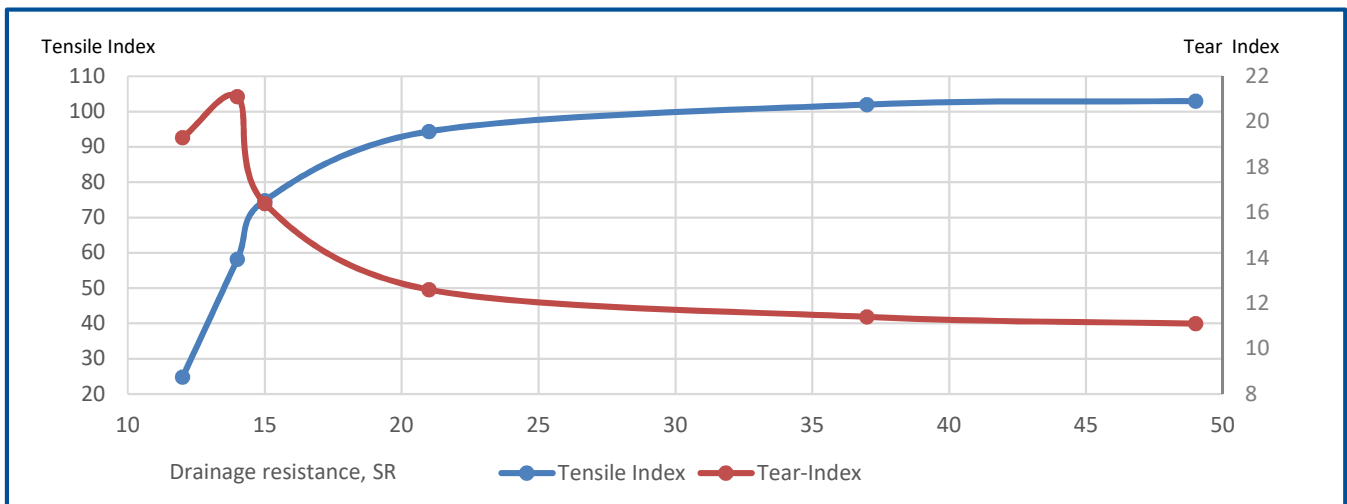


# Technical Product Information

## 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 <sup>3</sup>	559	647	689	748	786	804	0.9	DIN EN ISO 534
Drainage resistance*	SR	12	14	15	21	37	49	4.8	DIN EN ISO 5267-1
Tensile index	kNm/kg	24.8	58.2	74.8	94.4	102	103	2.4	DIN ISO 1924-3
Elongation	%	2.4	3.7	3.9	3.9	3.7	3.6	2.9	DIN ISO 1924-3
Tear Index	Nm <sup>2</sup> /kg	19.3	21.1	16.4	12.6	11.4	11.1	4.1	DIN EN ISO 1974
Burst Index	MN/kg	1.6	4.2	5.5	6.9	7.2	7.3	4.2	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.4	3.8	6.8	26.6	113	244	18	ISO 5636-5
Light scattering coefficient	m <sup>2</sup> /kg	33.0	26.4	23.8	20.1	18.4	17.8	2.2	ISO 9416
Opacity	%	76.4	72.1	70.0	66.3	63.9	63.1	0.9	ISO 2471

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

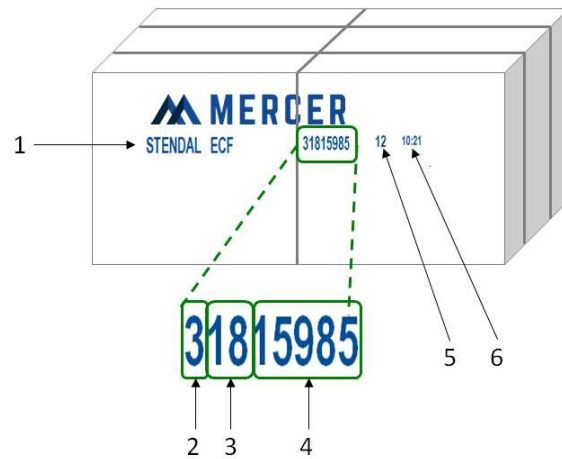
General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	89.5	>88.5	% ISO	ISO 3688					
Sheet brightness	88.7	-	%	ISO 2470	Fibre length	2.22	4.0	mm	Pulp Eye
Brightness reversion	3.6	-	%	ISO 5630-1*	Fibre width	28.5	2.3	µm	Pulp Eye
Dirt count	0.9	<3	mm <sup>2</sup> /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	730	>600	ml / g	ISO 5351					
Extractives	0.06	<0.10	%	SCAN CM 49:03					
Ash	0.17	<0.30	%	ISO 1762					
pH	5.1	-		SCAN P 14:65**					
Organic chlorine in pulp	51	<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

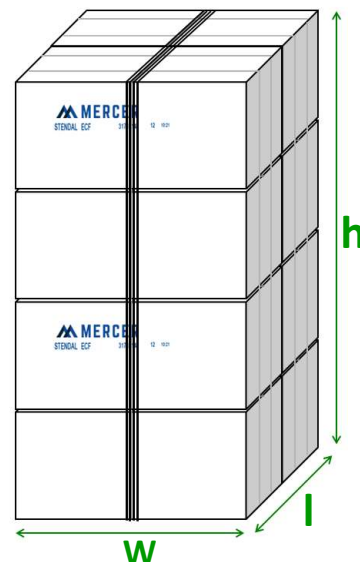
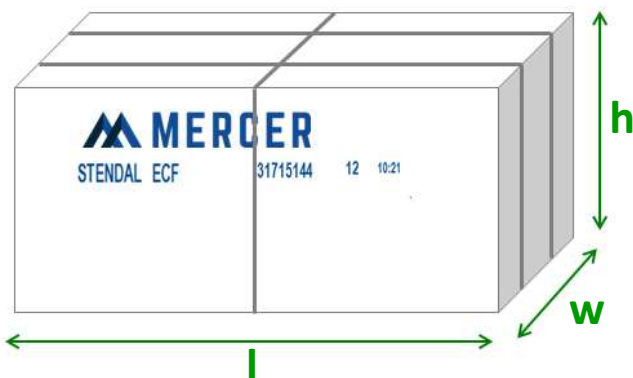
### Standard bales

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