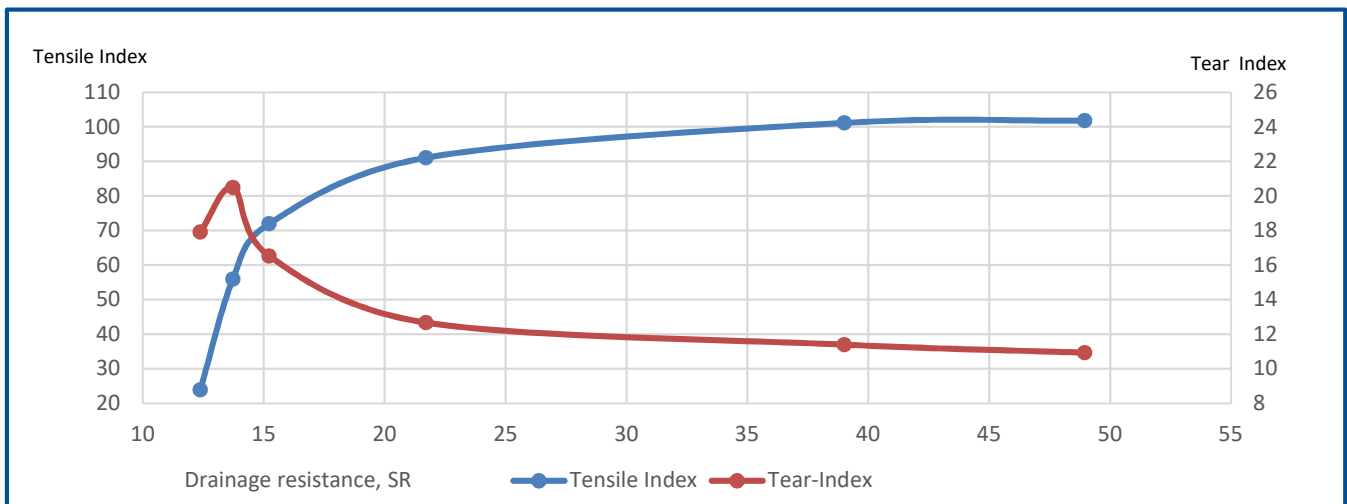


Technical Product Information

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	554	651	693	751	790	808	0.9	DIN EN ISO 534
Drainage resistance*	SR	12	14	15	22	39	49	5.4	DIN EN ISO 5267-1
Tensile index	kNm/kg	23.9	56.0	71.9	91.1	101	102	3.3	DIN ISO 1924-3
Elongation	%	2.3	3.5	3.6	3.7	3.6	3.5	9.5	DIN ISO 1924-3
Tear Index	Nm ² /kg	17.9	20.5	16.5	12.7	11.4	10.9	4.7	DIN EN ISO 1974
Burst Index	MN/kg	1.5	4.1	5.2	6.7	7.3	7.3	3.4	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.5	3.9	6.5	25.1	120	225	23	ISO 5636-5
Light scattering coefficient	m ² /kg	32.3	25.7	22.5	19.3	17.4	16.8	6.3	ISO 9416
Opacity	%	77.5	73.1	70.4	67.3	64.4	63.6	0.9	ISO 2471

*Analysed using tap water Sheet former (Rapid Köthen)

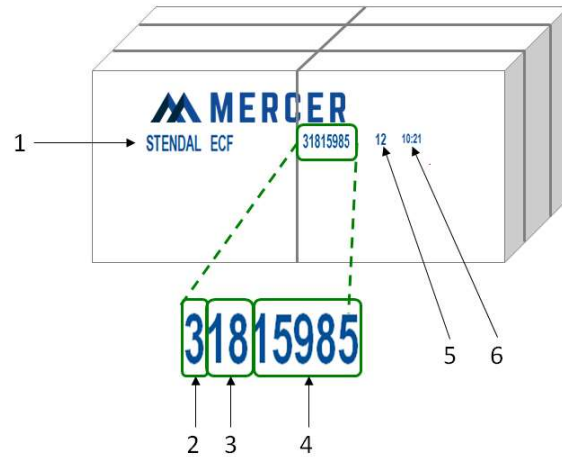
General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	85.8	>84.5	% ISO	ISO 3688					
Sheet brightness	85.1	-	%	ISO 2470	Fibre length	2.13	3.1	mm	Pulp Eye
Brightness reversion	4.8	-	%	ISO 5630-1*	Fibre width	22.8	1.2	µm	Pulp Eye
Dirt count	1.2	<3	mm ² /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	730	>600	ml / g	ISO 5351					
Extractives	0.05	<0.10	%	SCAN CM 49:03					
Ash	0.21	<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	0.4	<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

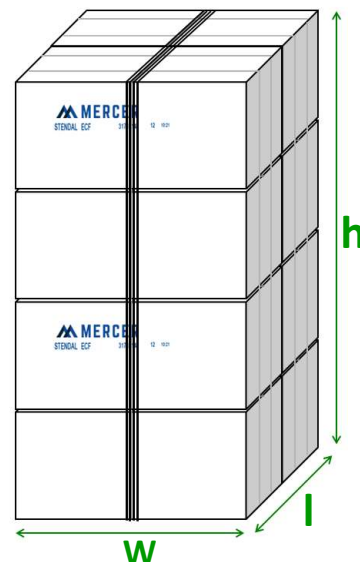
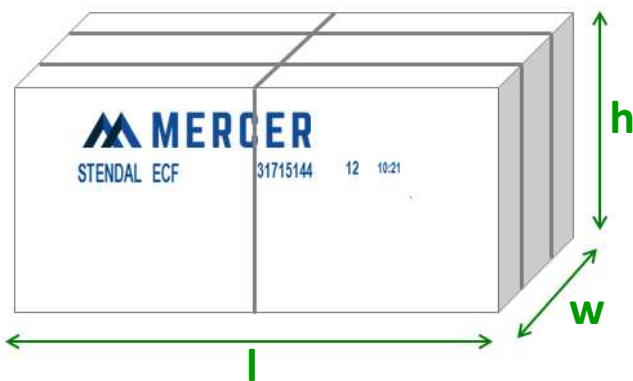
Standard bales

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