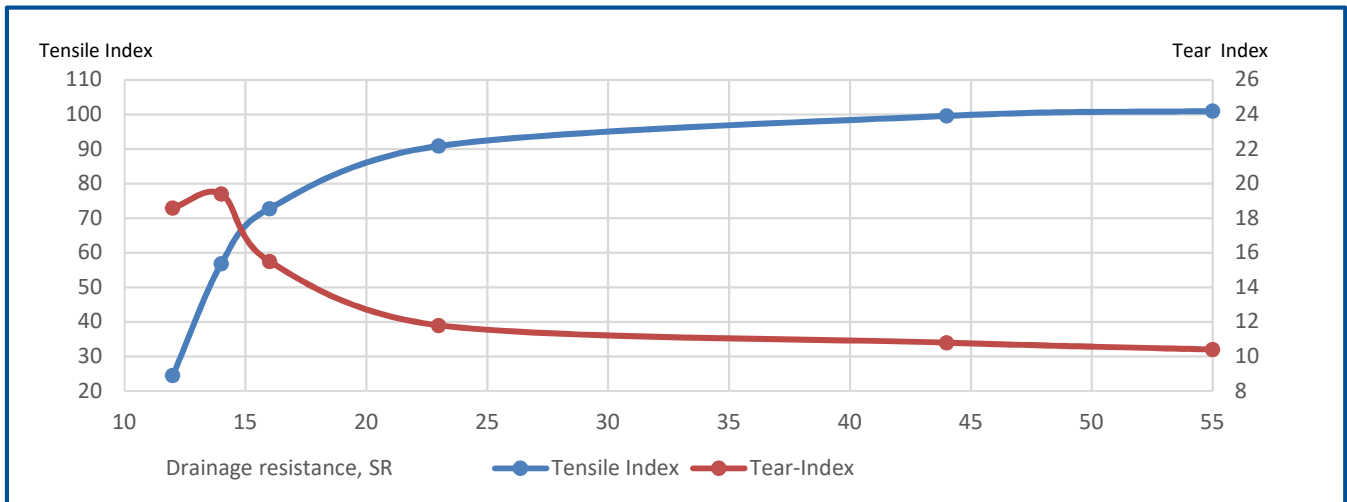


Technical Product Information

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	561	653	695	758	799	816	1.1	DIN EN ISO 534
Drainage resistance*	SR	12	14	16	23	44	55	5.9	DIN EN ISO 5267-1
Tensile index	kNm/kg	24.5	56.8	72.8	90.9	99.6	101	3.0	DIN ISO 1924-3
Elongation	%	2.4	3.7	3.9	3.8	3.7	3.6	3.1	DIN ISO 1924-3
Tear Index	Nm ² /kg	18.6	19.4	15.5	11.8	10.8	10.4	6.2	DIN EN ISO 1974
Burst Index	MN/kg	1.6	4.0	5.2	6.5	7.0	7.0	4.5	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1.6	4.3	7.7	32.7	179	409	20	ISO 5636-5
Light scattering coefficient	m ² /kg	32.8	26.4	23.4	19.7	18.0	17.3	1.9	ISO 9416
Opacity	%	77.5	74.7	72.3	66.9	66.0	65.3	5.0	ISO 2471

*Analysed using tap water Sheet former (Rapid Köthen)

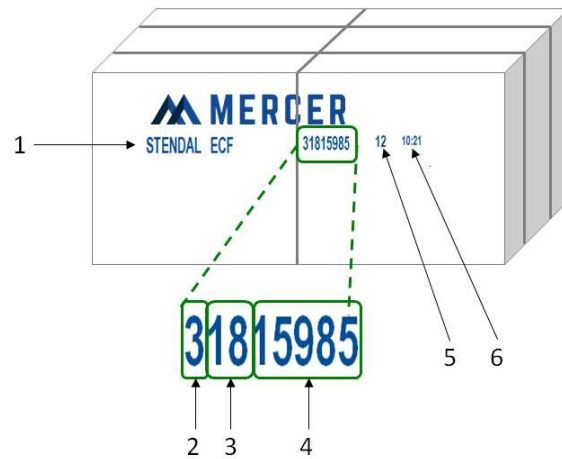
General Properties	Typical values	Target value	Unit	Method SCAN	Fibre dimensions	Typical values	CoV [%]	Unit	Equipment
ISO Brightness	85.1	>84.5	% ISO	ISO 3688					
Sheet brightness	84.8	-	%	ISO 2470	Fibre length	2.22	1.9	mm	Pulp Eye
Brightness reversion	4.1	-	%	ISO 5630-1*	Fibre width	28.4	2.7	µm	Pulp Eye
Dirt count	1.5	<3	mm ² /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	683	>600	ml / g	ISO 5351					
Extractives	0.07	<0.10	%	SCAN CM 49:03					
Ash	0.21	<0.30	%	ISO 1762					
pH	4.9	-		SCAN P 14:65**					
Organic chlorine in pulp	10.9	<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

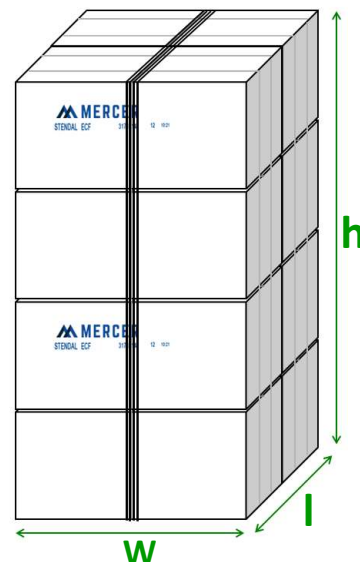
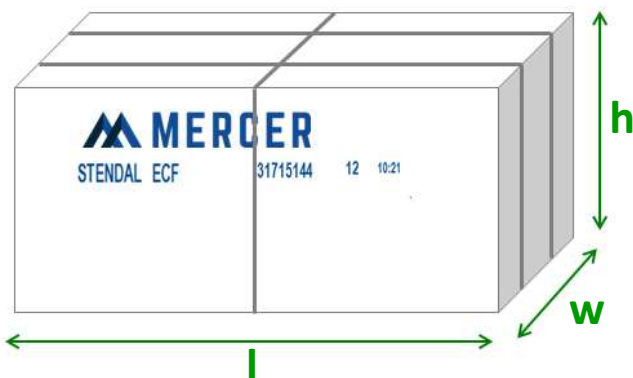
Standard bales

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