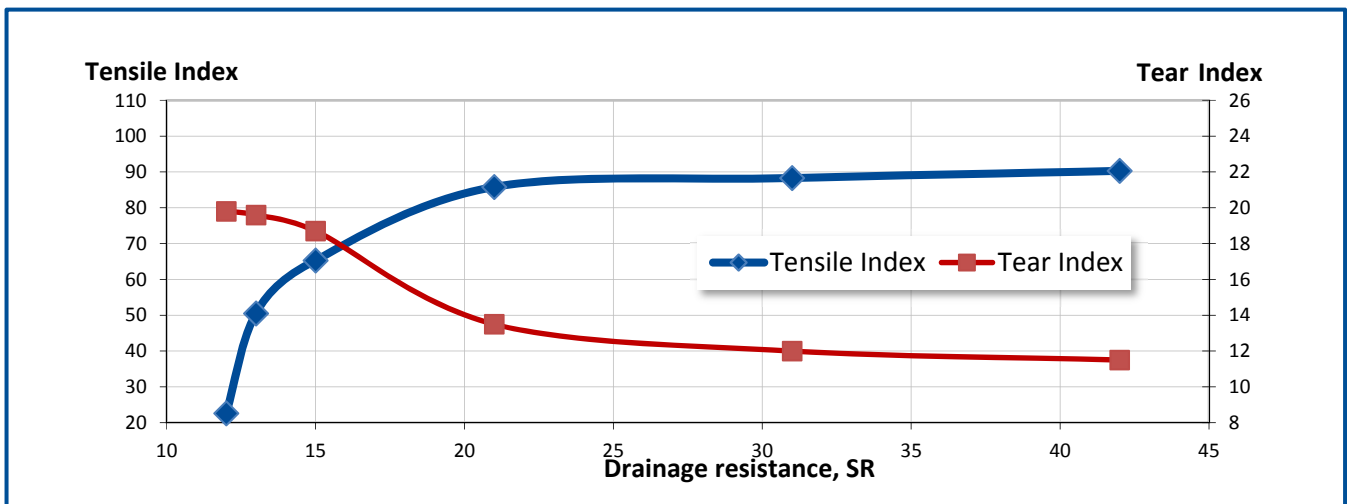


Technical Product Information

Mercer Rosenthal TCF Standard (typical properties)

Northern Bleached Softwood Kraftpulp made of pine (20 to 40 %) and spruce (60 to 80 %) PFI-mill at 23°C and 50 % relative humidity



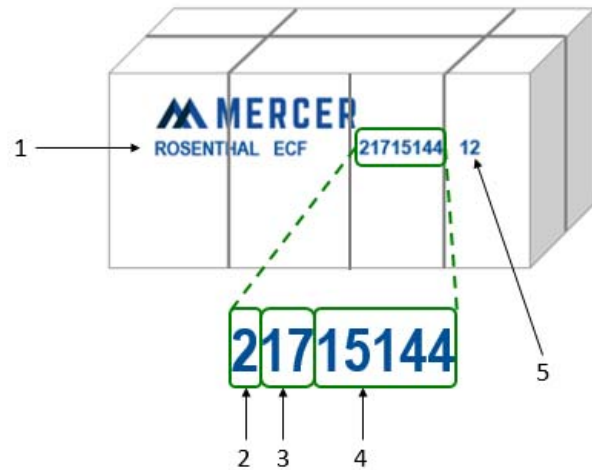
Beating revolutions		0	1000	2000	5000	9000	11000	CoV [%] 5000 rev	Method
Density	kg/m ³	519	582	635	697	741	900	2,0	DIN EN ISO 534
Drainage resistance*	SR	13	14	15	24	48	45	6,2	DIN EN ISO 5267-1
Tensile index	kNm/kg	23,0	53,0	65,8	85,8	91,3	97,1	2,8	DIN ISO 1924-3
Elongation	%								
Tear Index	Nm ² /kg	21,0	19,6	16,0	12,0	11,0	10,7	4,2	DIN EN ISO 1974
Burst Index	MN/kg	1,12	3,12	4,19	5,76	6,39	7,8	3,5	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,1	2,0	4,0	22,5	196,7	172	15	ISO 5636-5
Light scattering coefficient	m ² /kg	28,5	23,4	20,8	18,7	18,1	17,7	2,5	ISO 9416
Opacity	%	83,8	79,4	77,2	74,4	73,1	69,0	0,9	DIN ISO 53146

General Properties	Typical values	Target value	Unit	Method	Fibre dimensions	Typical values	CoV	Unit	Equipment
ISO Brightness			% ISO	ISO 3688					
Sheet brightness	85	84	%	CM-3630	Fibre length	2,50	1,0	mm	kajaani MAP
Brightness reversion			%	ISO 5630-1	Fibre width	28,0	0,9	µm	kajaani MAP
Dirt count	1,0	< 5	mm ² /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	650	> 600	ml / g	ISO 5351					
Extractives	0,05	< 0,10	%	ISO 14453					
Ash	0,30	< 0,40	%	ISO 1762					
pH	6	> 5,00		ISO 6588-1					
Organic chlorine in pulp	20	< 30	mg/kg	PTS RH 012/90					
AOX removable by washing									



Bale marking

- 1 – Mill and pulp grade (ECF, TCF)
- 2 – Mill (Mercer Rosenthal: 2, Mercer Stendal: 3)
- 3 – Year (17 for 2017)
- 4 – Charge number
- 5 – Unit number



Dimensions Standard bales

Standard bales

Bales: 77 x 80 x 43 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
7 wires
77 x 160 x 172 cm (l x w x h)
Wire Material: Zinc plated steel

