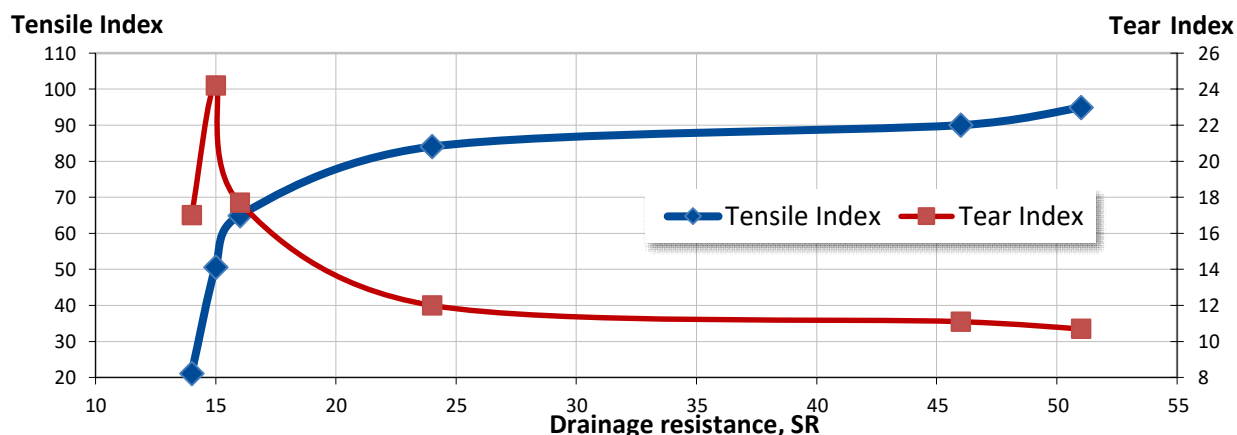


Technical Product Information

Mercer Rosenthal TCF Standard (typical properties)

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



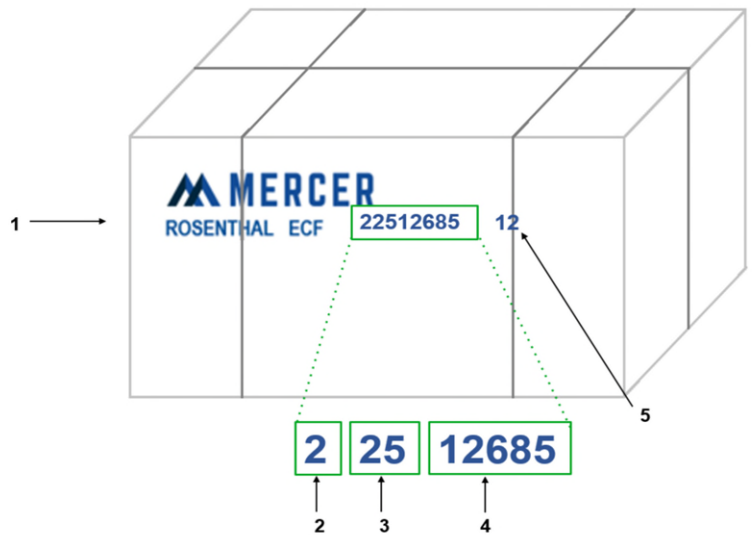
Beating revolutions		0	1000	2000	5000	9000	11000	CV [%] 5000 rev	Method
Density	kg/m³	490	570	590	650	700	710	1,0	DIN EN ISO 534
Drainage resistance*	SR	14	15	16	24	46	51	7,8	DIN EN ISO 5267-1
Tensile index	kNm/kg	21,1	50,6	64,9	84,0	90,0	94,9	2,3	DIN ISO 1924-3
Tear Index	Nm²/kg	17,0	24,2	17,7	12,0	11,1	10,7	2,6	DIN EN ISO 1974
Burst Index	MN/kg	1,19	3,34	3,84	5,86	6,08	6,14	3,7	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,0	4,4	6,9	29,4	217,3	297,2	18,9	ISO 5636-5
Opacity	%	81,8	78,8	75,6	72,8	71,0	70,1	1,6	DIN ISO 53146

*Analysed using tap water Sheet former (Rapid Köthen)

General Properties	Typical values	Target value	Unit	Method	Fibre dimensions	Typical values	Unit	Equipment
Sheet brightness	85	84,5	%	CM-3630				
Dirt count	1,0	< 5	mm²/kg	DIN EN ISO 5350-2	Fibre length	2,70	mm	kajaani MAP
Intrinsic Viscosity	650	> 600	ml / g	ISO 5351	Fibre width	27,2	µm	kajaani MAP
Extractives	0,05	< 0,10	%	ISO 14453				
Ash	0,25	< 0,40	%	ISO 1762				
pH	6	> 5,00		ISO 6588-1				
Organic chlorine in pulp	7	< 30	mg/kg	PTS RH 012/90				

Bale marking

- 1 – Mill and pulp grade (ECF, TCF)
- 2 – Mill (Mercer Rosenthal: 2, Mercer Stendal: 3)
- 3 – Year (25 for 2025)
- 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

