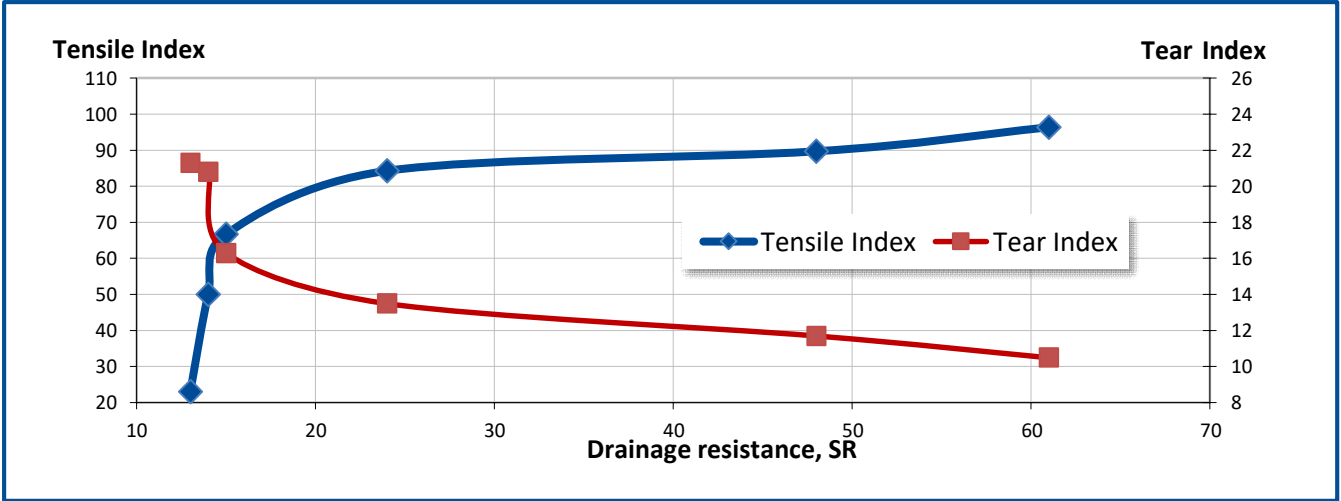


Technical Product Information

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



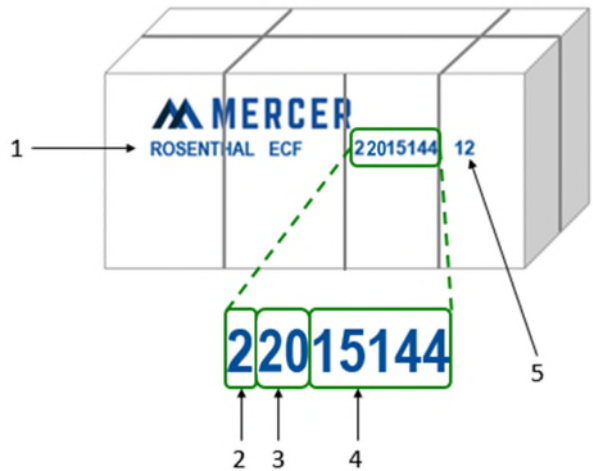
Beating revolutions		0	1000	2000	5000	9000	11000	Method
Density	kg/m³	500	579	613	665	700	723	DIN EN ISO 534
Drainage resistance*	SR	13	14	15	24	48	61	DIN EN ISO 5267-1
Tensile index	kNm/kg	23,0	50,1	65,3	84,3	89,7	98,0	DIN ISO 1924-3
Tear Index	Nm²/kg	21,3	20,8	16,3	13,5	11,7	10,5	DIN EN ISO 1974
Burst Index	MN/kg	1,92	3,20	4,51	5,88	6,39	6,56	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,0	3,4	5,9	25,6	114,0	206,6	ISO 5636-5
Opacity	%	82,9	78,5	75,4	72,4	70,6	70,4	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	%	DIN ISO 3688	Fibre length	2,71	mm	kajaani MAP
Dirt count	1,0	< 5	mm²/kg	DIN EN ISO 5350-2	Fibre width	27,1	µm	kajaani MAP
Intrinsic Viscosity	700	> 600	ml / g	ISO 5351				
Extractives	0,07	< 0,10	%	ISO 14453				
Ash	0,30	< 0,40	%	ISO 1762				
pH	6	> 5,00		ISO 6588-1				
Organic chlorine in pulp	10	< 30	mg/kg	PTS RH 012/90				
AOX removable by washing	0,8	<5	mg/kg	SCAN CM 44:97				

Bale marking

- 1 – Mill and pulp grade (ECF, TCF)
- 2 – Mill (Mercer Rosenthal: 2, Mercer Stendal: 3)
- 3 – Year (20 for 2020)
- 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

