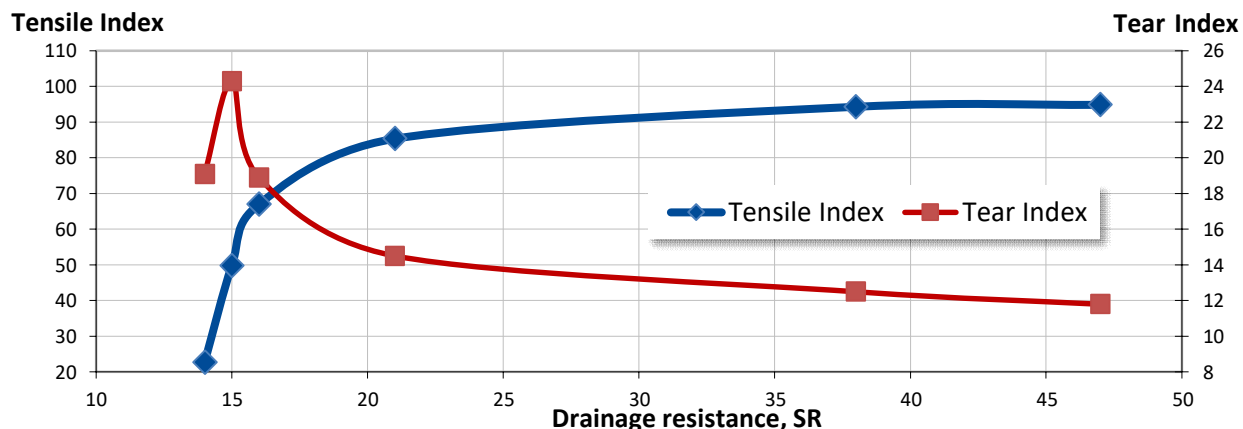


Technical Product Information

Mercer Rosenthal ECF Tear (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



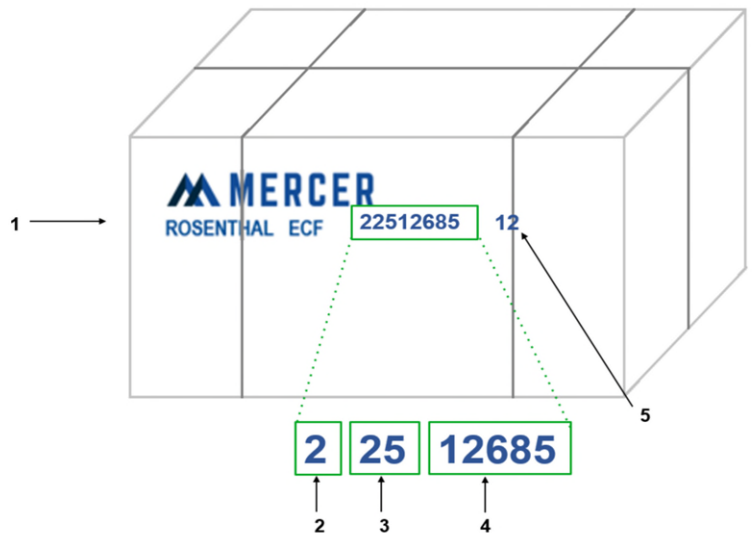
Beating revolutions		0	1000	2000	5000	9000	11000	CV [%] 5000 rev	Method
Density	kg/m³	500	560	600	660	700	710	0,8	DIN EN ISO 534
Drainage resistance*	SR	14	15	16	21	38	47	5,7	DIN EN ISO 5267-1
Tensile index	kNm/kg	22,7	49,8	67,0	85,4	94,3	94,9	2,5	DIN ISO 1924-3
Tear Index	Nm²/kg	19,1	24,3	18,9	14,5	12,5	11,8	4,1	DIN EN ISO 1974
Burst Index	MN/kg	1,33	3,34	4,82	6,18	6,85	7,21	3,8	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,0	2,0	4,9	18,0	149,6	229,8	19,0	ISO 5636-5
Opacity	%	79,8	76,7	74,8	70,4	68,6	67,2	1,4	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	88,5	88	%	DIN ISO 3688	Fibre length	2,7	mm	kajaani MAP
Dirt count	1,0	< 5	mm²/kg	DIN EN ISO 5350-2	Fibre width	27,2	µm	kajaani MAP
Intrinsic Viscosity	752	> 700	ml / g	ISO 5351				
Extractives	0,05	< 0,20	%	ISO 14453				
Ash	0,24	< 0,40	%	ISO 1762				
pH	5,8	> 5,00		ISO 6588-1				
Organic chlorine in pulp	70	< 80	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

