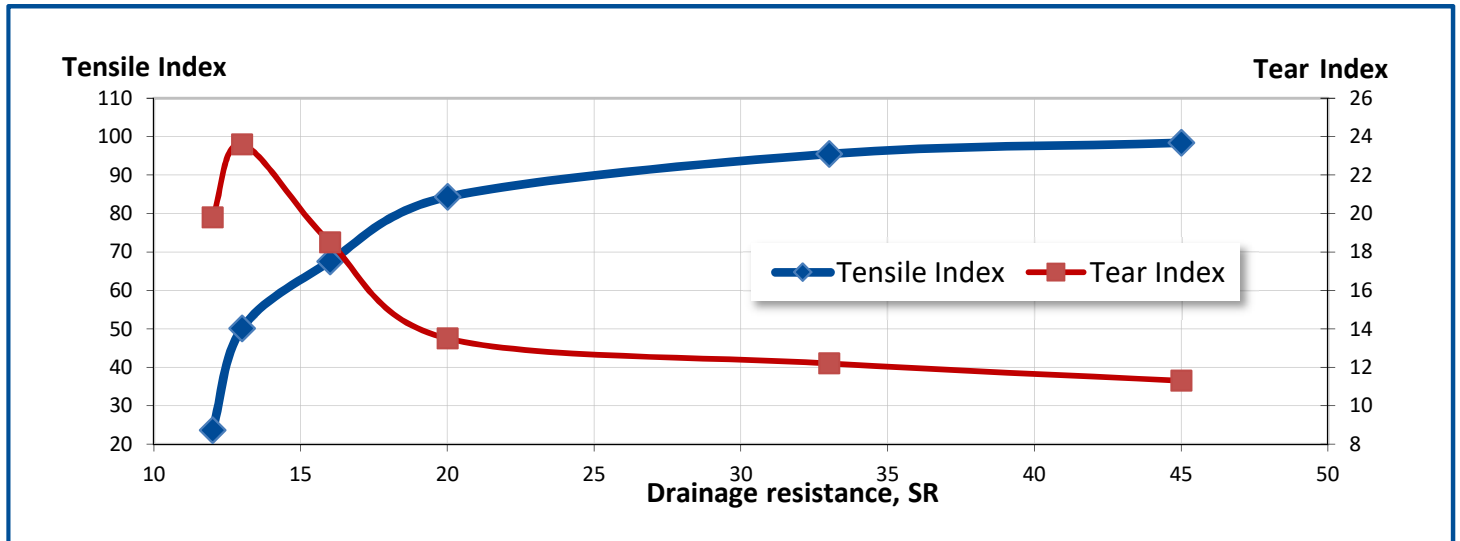


Technical Product Information

Mercer Rosenthal ECF Tear (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



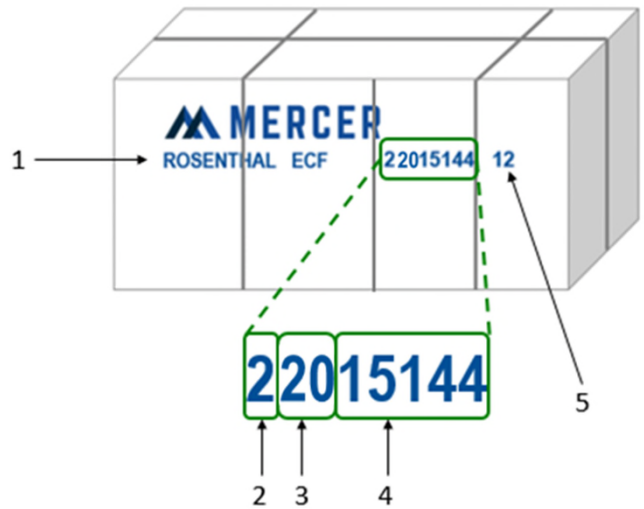
Beating revolutions		0	1000	2000	5000	9000	11000	Method
Density	kg/m ³	520	580	630	690	720	740	DIN EN ISO 534
Drainage resistance*	SR	12	13	16	20	33	45	DIN EN ISO 5267-1
Tensile index	kNm/kg	23,6	50,1	67,5	84,3	95,5	98,4	DIN ISO 1924-3
Tear Index	Nm ² /kg	19,8	23,6	18,5	13,5	12,2	11,3	DIN EN ISO 1974
Burst Index	MN/kg	1,33	3,23	4,81	6,18	6,62	6,83	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,0	2,0	3,3	13,7	68,9	148,0	ISO 5636-5
Opacity	%	82,9	79,9	77,4	75,1	71,8	70,2	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	%	CM-3630				
Dirt count	1,0	< 5	mm ² /kg	DIN EN ISO 5350-2	Fibre length	2,7	mm	kajaani MAP
					Fibre width	26,8	µm	kajaani MAP
Intrinsic Viscosity	752	> 700	ml / g	ISO 5351				
Extractives	0,03	< 0,20	%	ISO 14453				
Ash	0,24	< 0,40	%	ISO 1762				
pH	6,0	> 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 (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

Wire Material: 77 x 160 x 172 cm (l x w x h)
 Zinc plated steel

