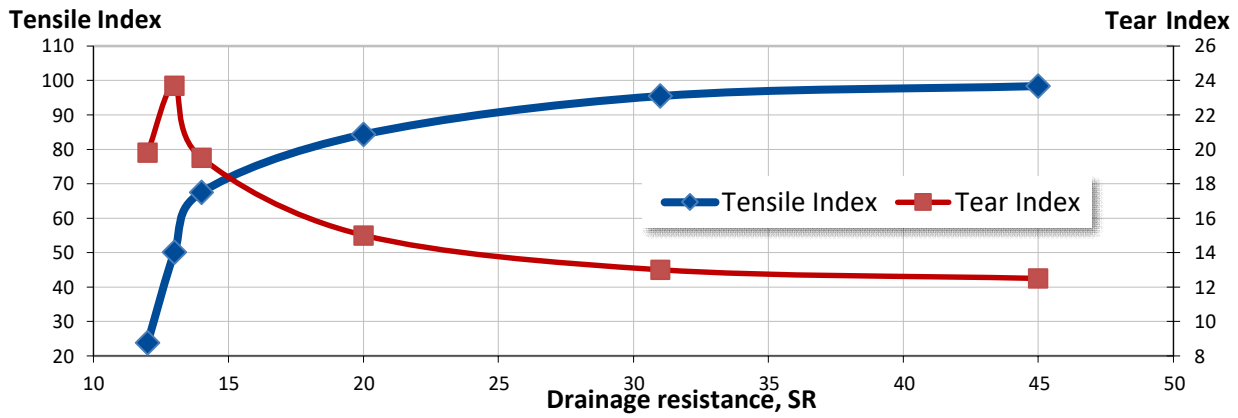
Technical Product Information

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/m³	529	581	637	678	707	714	DIN EN ISO 534
Drainage resistance*	SR	12	13	14	20	30	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	Nm²/kg	19,8	23,7	19,5	15,0	13,0	12,5	DIN EN ISO 1974
Burst Index	MN/kg	1,35	3,25	4,72	6,01	6,19	6,29	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	%	81,7	81,1	78,3	75,4	73,8	73,5	DIN ISO 53146

*Analysed using tap water Sheet former (Rapid Köthen)

General Properties	Typical values	Target value	Unit	Method
Sheet brightness	88,5	88	%	DIN ISO 3688
Dirt count	1,0	< 5	mm²/kg	DIN EN ISO 5350-2
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

Fibre dimensions	Typical values	Unit	Equipment
Fibre length	2,7	mm	kajaani MAP
Fibre width	26,8	µm	kajaani MAP

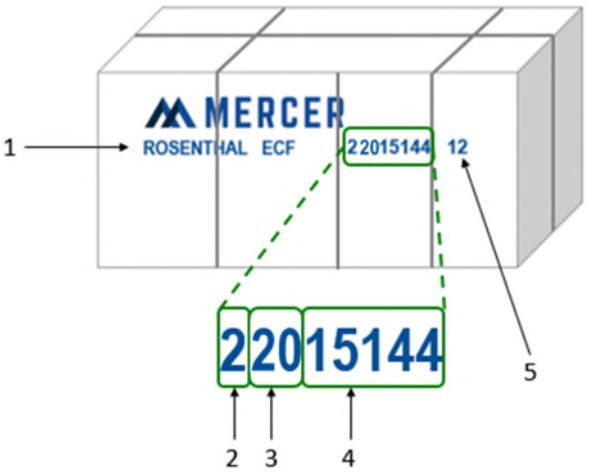
Date: September 2024

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