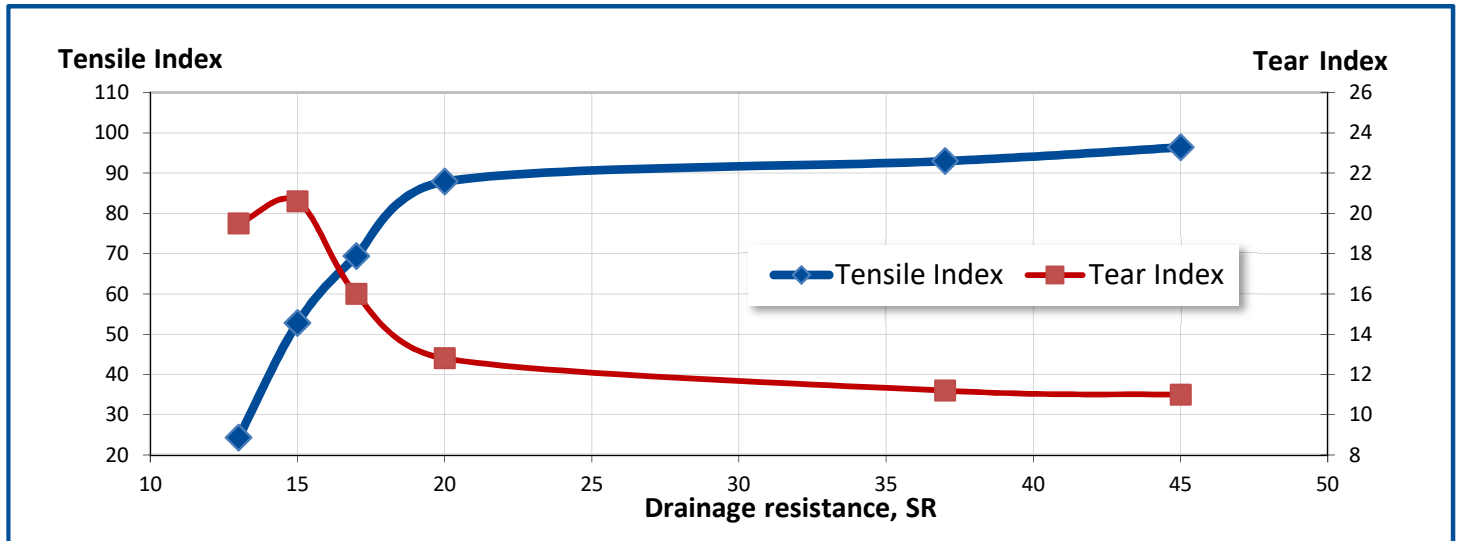


Technical Product Information

Mercer Rosenthal ECF Tensile (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



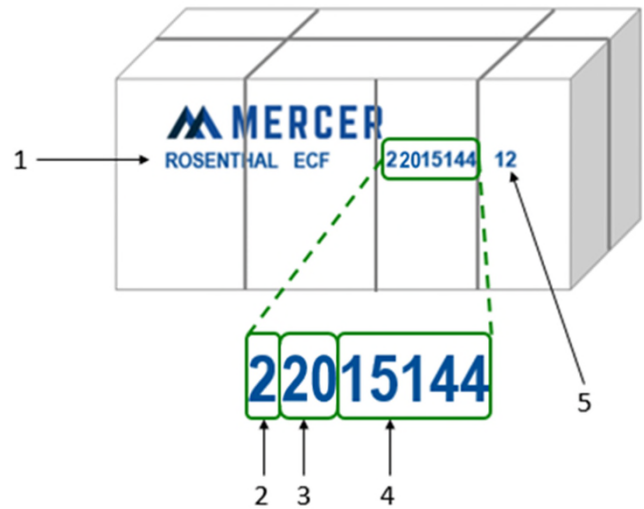
Beating revolutions		0	1000	2000	5000	9000	11000	Method
Density	kg/m ³	530	600	650	690	730	750	DIN EN ISO 534
Drainage resistance*	SR	13	15	17	20	37	45	DIN EN ISO 5267-1
Tensile index	kNm/kg	24,3	52,8	69,4	87,9	93,0	96,4	DIN ISO 1924-3
Tear Index	Nm ² /kg	19,5	20,6	16,0	12,5	11,2	11,0	DIN EN ISO 1974
Burst Index	MN/kg	1,42	3,69	5,13	6,30	6,66	6,90	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,3	2,8	4,8	15,7	73,9	152,1	ISO 5636-5
Opacity	%	83,1	78,6	76,4	73,4	71,7	69,7	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	89	88	%	CM-3630				
Brightness reversion			%	ISO 5630-1	Fibre length	2,4	mm	kajaani MAP
Dirt count	1,1	< 5	mm ² /kg	DIN EN ISO 5350-2	Fibre width	25,2	µm	kajaani MAP
Intrinsic Viscosity	755	> 700	ml / g	ISO 5351				
Extractives	0,07	< 0,20	%	ISO 14453				
Ash	0,21	< 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 (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

