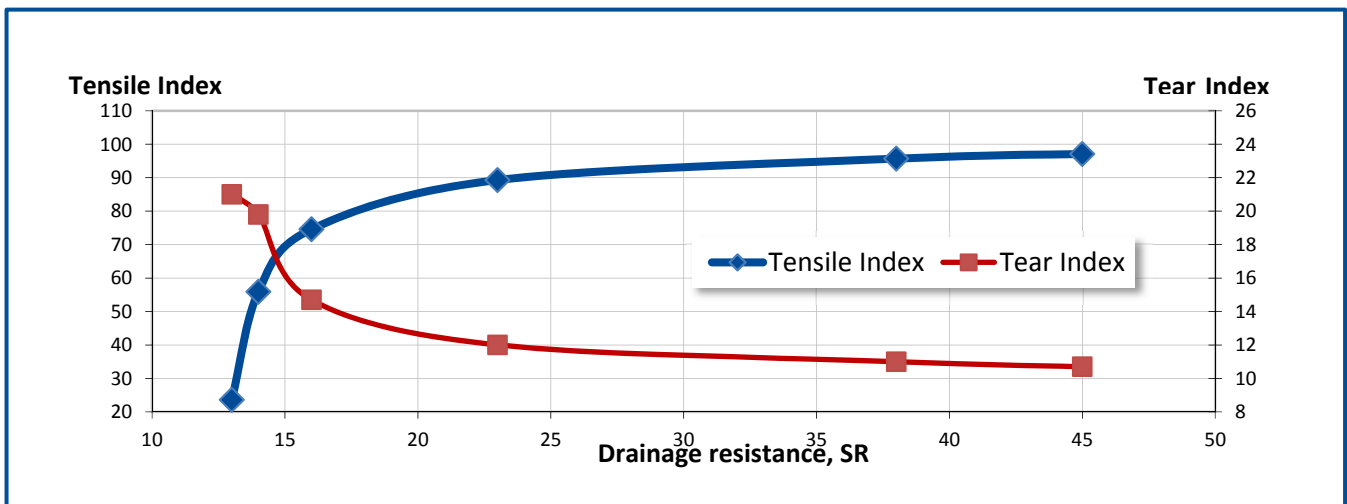


# Technical Product Information

## 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



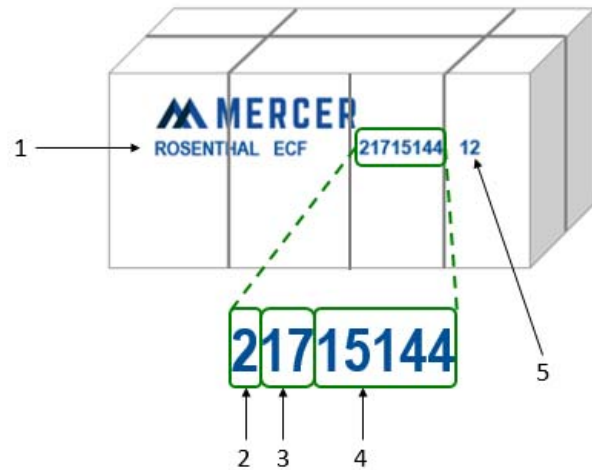
Beating revolutions		0	1000	2000	5000	9000	11000	CoV [%] 5000 rev	Method
Density	kg/m <sup>3</sup>	534	627	669	704	746	900	2,0	DIN EN ISO 534
Drainage resistance*	SR	13	14	16	23	38	45	5,0	DIN EN ISO 5267-1
Tensile index	kNm/kg	23,6	55,9	74,6	89,3	95,7	97,1	2,7	DIN ISO 1924-3
Elongation	%								
Tear Index	Nm <sup>2</sup> /kg	21,0	19,8	14,7	12,0	11,0	10,7	5,5	DIN EN ISO 1974
Burst Index	MN/kg	1,28	3,72	4,90	6,18	6,78	7,8	3,5	DIN EN ISO 2758
Gurley air permeability	s / 100 ml	1,5	3,3	5,5	30,8	108,8	172	16	ISO 5636-5
Light scattering coefficient	m <sup>2</sup> /kg	30,9	24,0	21,5	18,9	17,7	17,4	2,5	ISO 9416
Opacity	%	81,7	77,2	75,4	72,0	69,8	69,0	0,9	DIN ISO 53146

General Properties	Typical values	Target value	Unit	Method	Fibre dimensions	Typical values	CoV	Unit	Equipment
ISO Brightness			% ISO	ISO 3688					
Sheet brightness	88,5	88	%	CM-3630	Fibre length	2,3	0,9	mm	kajaani MAP
Brightness reversion			%	ISO 5630-1	Fibre width	27	0,8	µm	kajaani MAP
Dirt count	1,0	< 5	mm <sup>2</sup> /kg	DIN EN ISO 5350-2					
Intrinsic Viscosity	750	> 700	ml / g	ISO 5351					
Extractives	0,05	< 0,10	%	ISO 14453					
Ash	0,30	< 0,40	%	ISO 1762					
pH	6	> 5,00		ISO 6588-1					
Organic chlorine in pulp	60	< 80	mg/kg	PTS RH 012/90					
AOX removable by washing									



## Bale marking

- 1 – Mill and pulp grade (ECF, TCF)
- 2 – Mill (Mercer Rosenthal: 2, Mercer Stendal: 3)
- 3 – Year (17 for 2017)
- 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

