

Spruce Sulfite Pulp, TCF Bleached, 90 %

Wood species

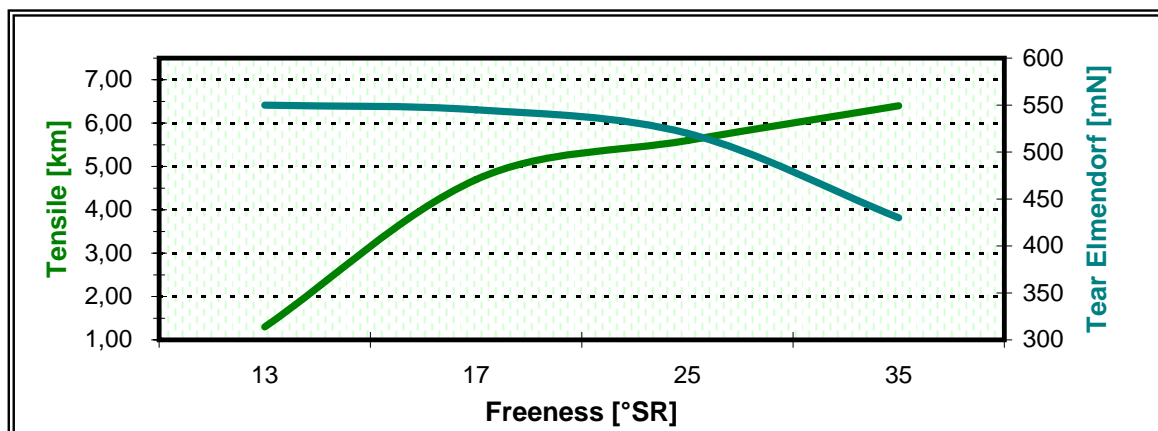
Spruce > 97%
Pine < 3%

Pulp characteristics

Lab beater: Jokro mill
Sheet former: Rapid Köthen
Grammage: 70 g/m²
Testing conditions: 50% RH; 23°C



Hallein TCF, 90 %		Range Pulp 21°SR	Mean 2010 21°SR	Standard
Tensile	km	4,5 - 6,5	6,20	DIN ISO 531 12 T1
Stretch	%	1,90 - 2,50	2,30	DIN ISO 531 12 T2
Folding number	n	50 - 300	240	SCAN-P17:77
Tensile-energy absorption	Nm	0,070 - 0,120	0,105	DIN ISO 531 12 T3
Tear resistance (Elmendorf)	mN	400 - 600	530	DIN 531 04, DIN ISO 1974
Z direction strength	kPa	600 - 800	690	SCAN-P80:98, Tappi T541
Resin (DCM)	%	< 0,20	0,12	DIN 543 54
Bulk	cm ³ /g	1,30 - 1,45	1,40	DIN 531 05 T1
Properties (not beated)				
Brightness	% ISO	83,5 - 87,5	85,5	DIN 531 45
Kappa number		2 - 3	2,7	DIN 543 57
Viscosity	cm ³ /g	700 - 1000	1000	SCAN-C15:62



Certificate

Management system to
EN ISO 9001:2000
EN ISO 14001:2004
OHSAS 18001:1999



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