

The Unbleached softwood Kraft Pulp (UKP) from Tarascon mill (France) is produced from coniferous trees harvested in southeast of France.

With selected kappa and good viscosity, UKP-F pulp is well adapted for Fiber Cement grades.



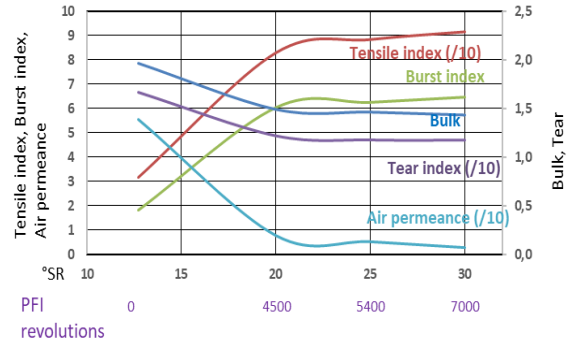
OPTICAL, PHYSICO-CHEMICAL AND MORPHOLOGICAL PROPERTIES

Brightness	%	26 (1,25) ¹	Kappa Number	28 (+/-2)
Shives ²	%	≤ 0,25 (Typical: 0,1)	Ash	% ≤ 0,4
Fiber Length (MORFI)	mm	2,00 – 2,20	Coarseness (MORFI)	mg/m 0,17 – 0,20
Intrinsic Viscosity	ml/g	1050 (+/-7%) ³	Acétone Extractives	% ≤ 0,4
pH		5 - 8		

¹Standard deviation. (Three Standard deviation are considered)

²Somerville 0,15mm

³Average deviation



PHYSICAL PROPERTIES (1)

PFI beating (ISO 5264/2) - Rapid Köthen Handsheets (80 g/m²)
Testing conditions - 23°C - 50%RH (ISO 187)

Freeness	°SR		12,7 ^{+/-1} (unrefined pulp) ≈ 800	20 ≈ 600	25 ≈ 500	30 ≈ 425
Bulk	cm ³ /g	Average (Min)	1,96 (1,85)	1,49 (1,42)	1,46 (1,39)	1,43 (1,35)
Tensile Index	kN.m/kg	Average (Min)	31,7 (26,8)	83,0 (76,2)	88,4 (81,8)	91,6 (83,6)
Burst Index	kPa.m ² /g	Average (Min)	1,82 (1,36)	6,05 (5,58)	6,27 (5,88)	6,48 (6,12)
Tear Index	mN.m ² /g	Average (Min)	16,67 (13,80)	12,23 (10,40)	11,82 (9,50)	11,80 (10,40)
Air permeance	cm ³ /m ² .Pa.s	Average (Min / Max)	55,4 (40,3/71,7)	7,9 (5,2/10,4)	5,4 (3,6/7,1)	3,0 (1,4/4,4)

(1) These values originate from the current average mill quality control measurements. They are given in good faith to represent mill performance and do not constitute contractual undertaking.
(2) Conversion from °SR. No laboratory measurement performed

ENVIRONMENT, QUALITY, SECURITY, WOOD CERTIFICATIONS

ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018

PEFC chain of custody (SGSCH-PEFC-COC-110077)

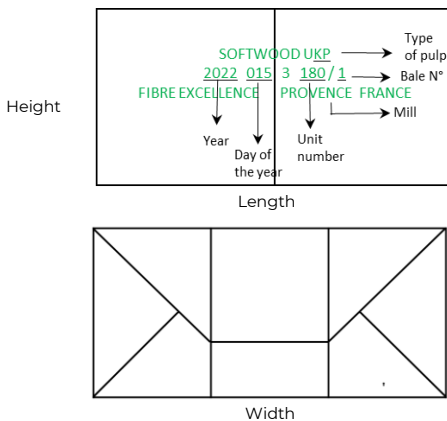
FSC Controlled Wood (SGSCH-CW-110050)

FSC chain of custody (SGSCH-COC-110050)

Food contact certification (ISEGA 61040 U 23)

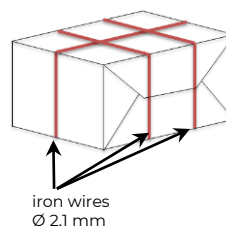
ISO 50001 : 2015

MARKING DESIGN



UNIT AND BALE INFO

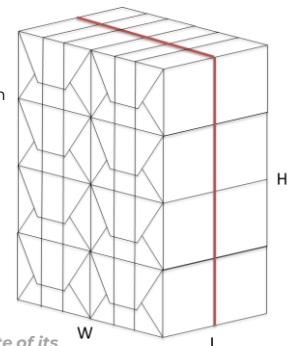
Single pulp bales, 250 kg (90%)
Sheet dry pulp



One unit, 8 bales, 2,0 ADMT

Rail, lorry and container
5 iron wires, Ø 3 mm

Measures in meter
L about 0.88
W about 1.69
H about 1.90



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