

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 and Specialty papers.



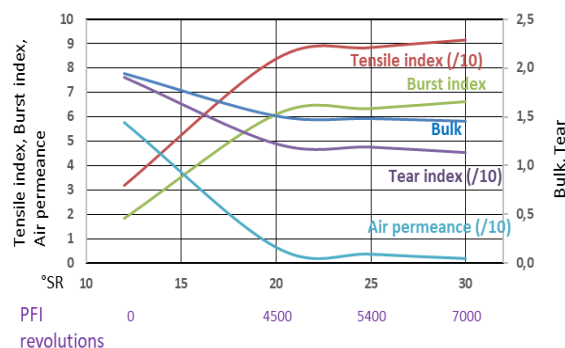
OPTICAL, PHYSICO-CHEMICAL AND MORPHOLOGICAL PROPERTIES

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		11,5 ^{+/- 1,5} (unrefined pulp) ≈ 800	20 ≈ 600	25 ≈ 500	30 ≈ 425
	CSF (ml) ⁽²⁾					
Bulk	cm ³ /g	Average (Min)	1,95 (1,89)	1,51 (1,46)	1,48 (1,43)	1,45 (1,42)
Tensile Index	kN.m/kg	Average (Min)	31,7 (25,4)	83,7 (80,0)	88,3 (82,8)	91,4 (85,1)
Burst Index	kPa.m ² /g	Average (Min)	1,85 (1,35)	6,10 (5,74)	6,34 (5,95)	6,62 (6,29)
Tear Index	mN.m ² /g	Average (Min)	19,04 (14,30)	12,21 (10,90)	11,86 (9,50)	11,31 (10,50)
Air permeance	cm ³ /m ² .Pa.s	Average (Min / Max)	57,6 (43,4 / 66,1)	6,7 (5,1 / 9,4)	3,8 (1,8 / 5,0)	2,0 (1,4 / 2,6)

⁽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

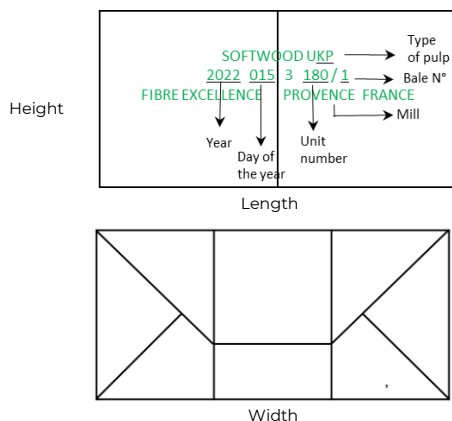
ISO 45001 : 2018

ISO50001 : 2015

International Forest Certification Systems (available upon request)

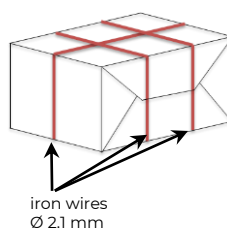
Food contact certification (ISEGA 61040 U 23)

MARKING DESIGN



UNIT AND BALE INFO

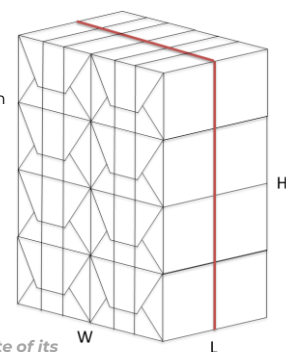
Single pulp bales, 250 kg
(90%)
Sheet dry pulp



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



This document is supplied in good faith and is accurate at the date of its publication. Fibre Excellence reserves the right to change or update information as deemed necessary.