

## APRIL BLEACHED ACACIA KRAFT PULP



**Asia Pacific Resources International Limited (APRIL) Group**, member of RGE group of companies, is a renowned industry leader in the production of sustainable fiber, pulp and paper.

Our wide range of products caters to the needs of millions worldwide, encompassing liquid packaging, printing and writing paper, tissues, food packaging, shopping bags, magazines and books. Demonstrating our global reach, our products are sold in more than 110 countries around the world.

We are committed to sustainable forest management as an integral part of our protection-production model, which combines economic and social development with environmental preservation. Our commitment extends to various aspects, including zero deforestation, responsible peatland management and a steadfast alignment with the United Nation's Sustainable Development Goals (SDGs).

APRIL collaborates closely with independent advisory groups to ensure effective implementation of its Sustainable Forest Management Policy (SFMP) 2.0 and actively strive to advance science-based responsible peatland management.



APRIL2030 is our commitment to deliver a **positive impact** on **climate, nature and people** while growing our business **sustainably**.

By 2030, we will achieve net zero carbon emissions from our land use, positive measurable gains in nature and zero extreme poverty in our communities, while transforming our business for **sustainable growth**.

## TECHNICAL DATA SHEET

**APRIL Bleached Acacia Kraft Pulp** has a good balance of strength, bulk and softness properties. The short fiber length and the very high fiber population create superior formation, opacity and smoothness which are suitable for all paper applications.

### Specification

Brightness	% ISO	≥ 89.0	TAPPI T525
Dirt Count	mm <sup>2</sup> /m <sup>2</sup>	≤ 2	TAPPI T213

### Environmental Parameters

BOD <sub>5</sub> in effluent	kg/ADMT	0.64	APHA Std. Methods - 5210 D
COD in effluent	kg/ADMT	5.54	APHA Std. Methods - 5220 D
TSS in effluent	kg/ADMT	1.00	APHA Std. Methods - 2540 D
AOX in effluent	kg/ADMT	0.016	SCAN - W 9.89

### Fiber Morphology & Other Characteristics

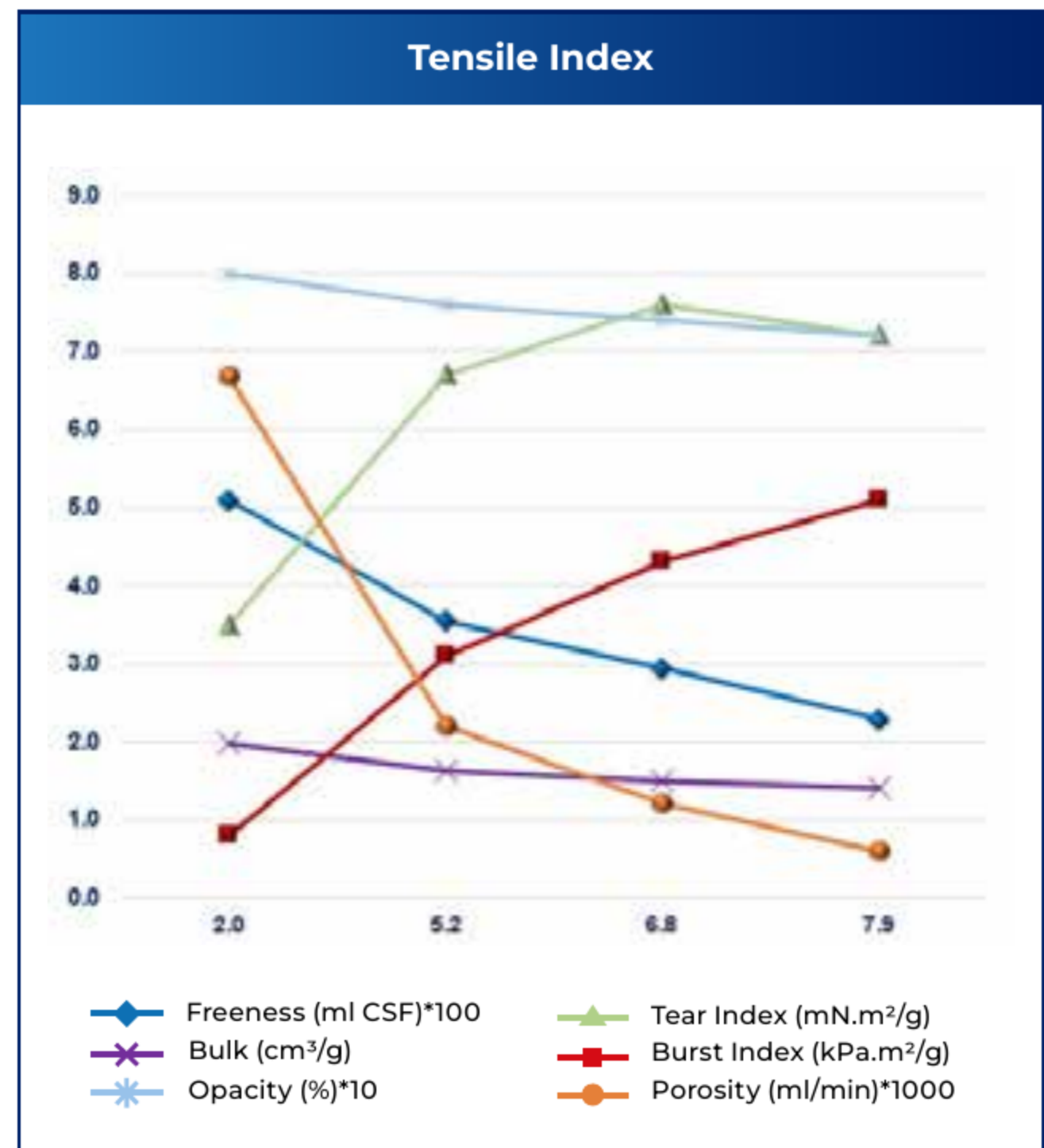
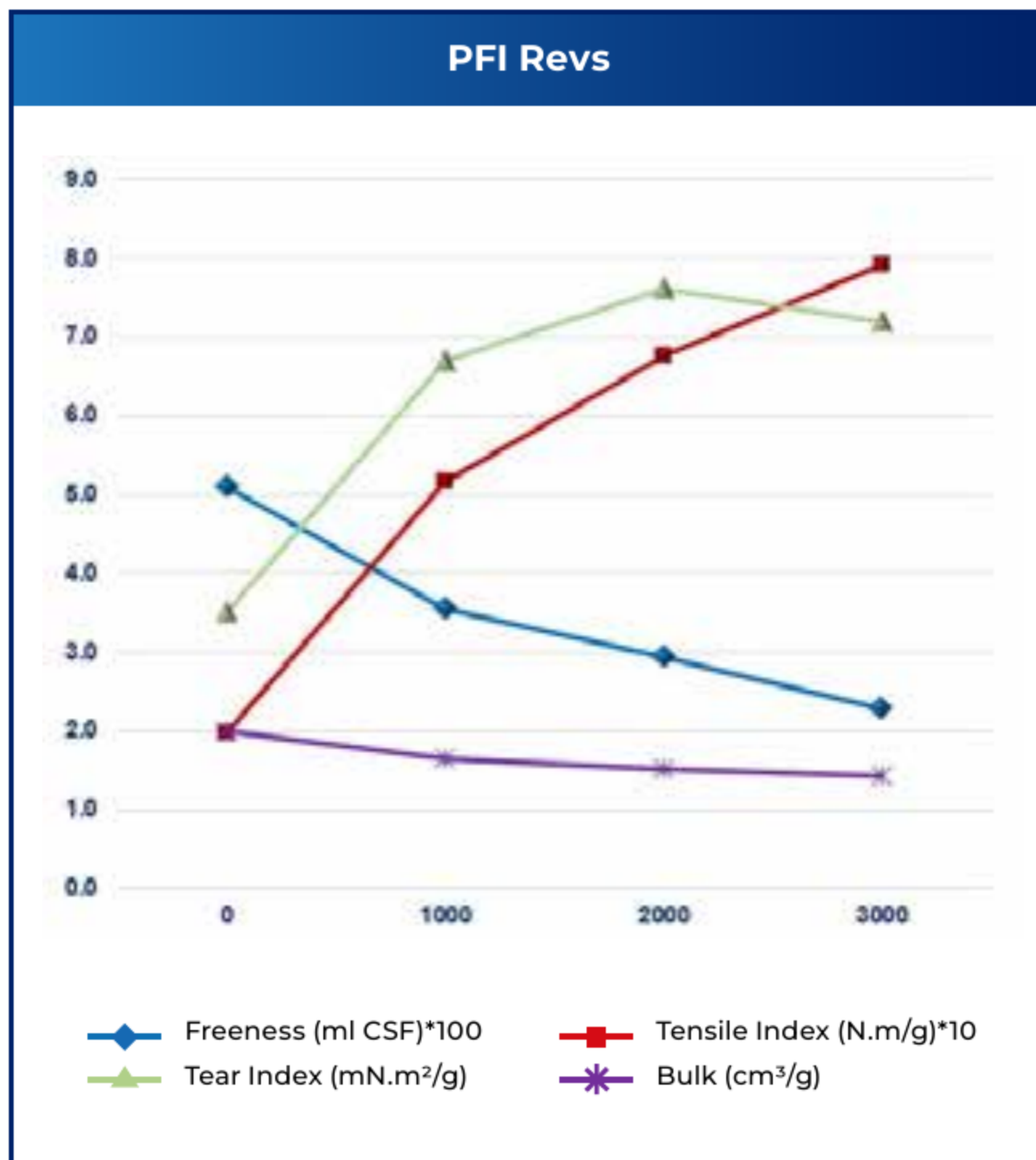
Fiber length	mm	0.77	L&W Fiber Tester
Fiber Population	pcs/mg	26000	L&W Fiber Tester
Coarseness	mg/m	0.044	L&W Fiber Tester
Ash content	%	≤ 0.2	TAPPI T211
Extractives (DCM)	%	≤ 0.25	TAPPI T204
Viscosity	dm <sup>3</sup> /kg	607	ISO 5351
pH		6.5	TAPPI T252

### Physical Properties (typical values)

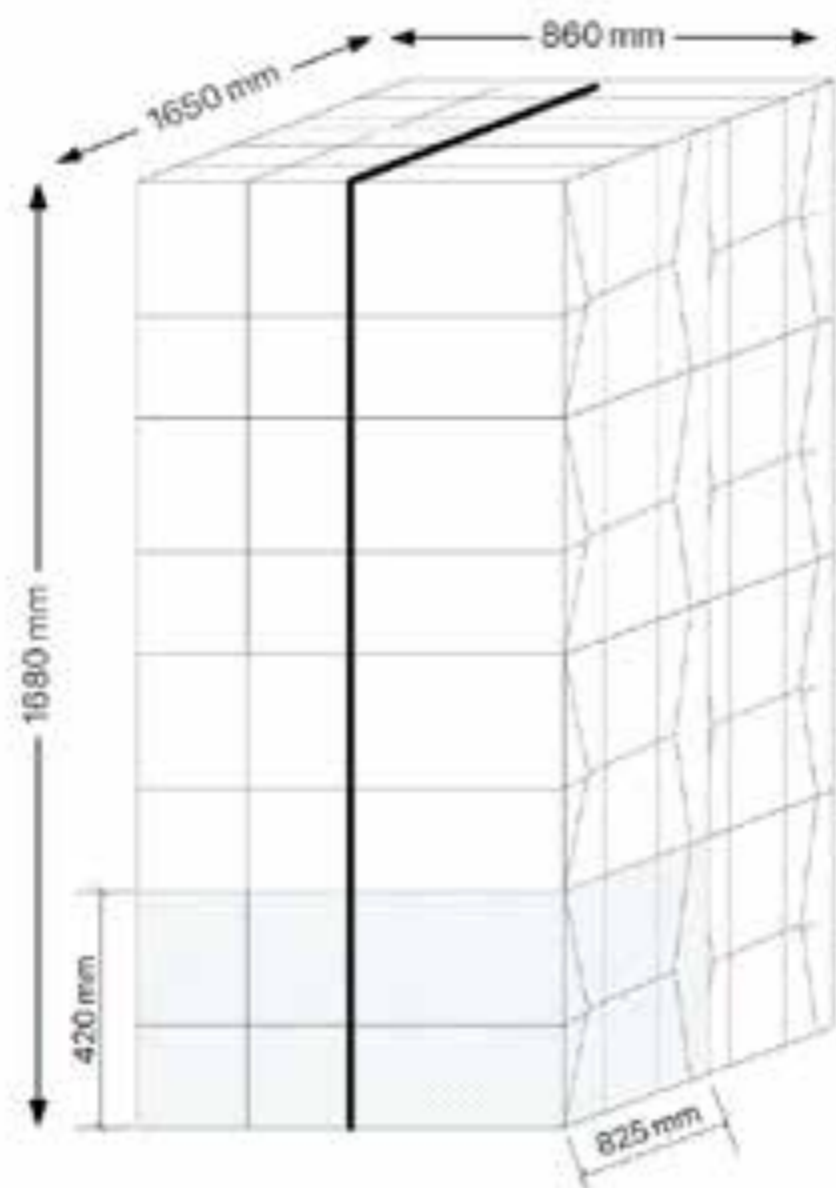
	PFI REVS	0	1000	2000	3000	
Freeness	ml CSF	560	370	307	248	TAPPI T227
Tensile Index	N.m/g	18.9	51.8	67.1	75.3	TAPPI T494
Tear Index	mN.m <sup>2</sup> /g	3.3	6.9	7.7	7.3	TAPPI T414
Burst Index	kPa.m <sup>2</sup> /g	0.7	3.0	4.2	4.9	TAPPI T403
Bulk	cm <sup>3</sup> /g	1.99	1.6	1.47	1.39	TAPPI T426
Opacity	%	81	76	74	72	TAPPI T425
Porosity	ml/min	6160	1908	1127	686	ISO 5636-3



## Typical PFI Beating Curves



## Average Bale and Unit Dimension



	Bale Dimensions (2x1 wiring)	Unit Dimensions (7 wires)
Weight (kg)	250	2000
Height (mm)	420	1680
Width (mm)	860	860
Length (mm)	825	1650

ref: R04

