

# APRIL BLEACHED ACACIA KRAFT PULP

APRIL Group is one of the world's largest, most technologically advanced and efficient makers of pulp and paper products in the world.

We make products that are used by millions of people every day in printing and writing, tissue, shopping bags, liquid packaging, food packaging, magazines, books, and various specialty paper applications. Our products, including our flagship PaperOne™ office paper, are marketed and sold in more than 70 countries around the world.

APRIL's Sustainable Forest Management Policy (SFMP) 2.0 guides how we achieve optimal community, environmental and economic outcomes and is the cornerstone of our commitment to sustainable business. Launched in 2015, its implementation is overseen by an independent Stakeholder Advisory Committee, which regularly reviews APRIL's implementation of the policy, as well as commissioning independent audits, which are published publicly, of the company's performance against a series of agreed indicators.

Since 2015, APRIL Group's concessions have been certified under the Programme for the Endorsement of Forest Certification (PEFC) Sustainable Forest Management standards, in addition to PEFC Chain-of-Custody and the ISO 14001 environmental management standard. This means APRIL is now PEFC certified throughout its supply chain. In addition, APRIL now has full Sustainable Forest Management and Timber Legality Verification certification, the Indonesian Wood Legality Verification system, for all manufacturing facilities and forestry operations.

## 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 superb formation, opacity and smoothness which is 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

### Physical Properties (typical values)

	PFI revs	0	1000	2000	3000	
Freeness	ml CSF	472	344	298	247	TAPPI T227
Tensile Index	N.m/g	18.3	48.8	65.5	71.2	TAPPI T494
Tear Index	mN.m <sup>2</sup> /g	3.1	6.5	7.7	7.3	TAPPI T414
Burst Index	kPa. m <sup>2</sup> /g	0.8	2.6	3.8	4.5	TAPPI T403
Bulk	cm <sup>3</sup> /g	1.98	1.66	1.51	1.43	TAPPI T426
Opacity	%	81	78	76	75	TAPPI T425
Porosity	ml/min	5800	1900	1100	610	ISO 5636-3

### Fiber Morphology and Other Characteristics

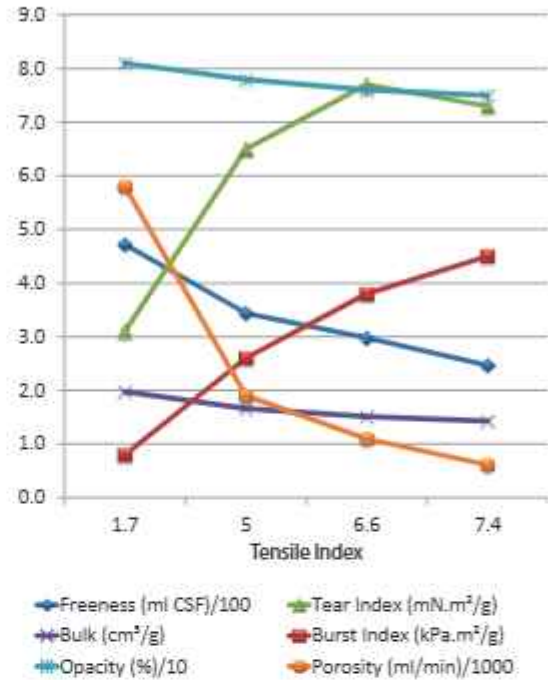
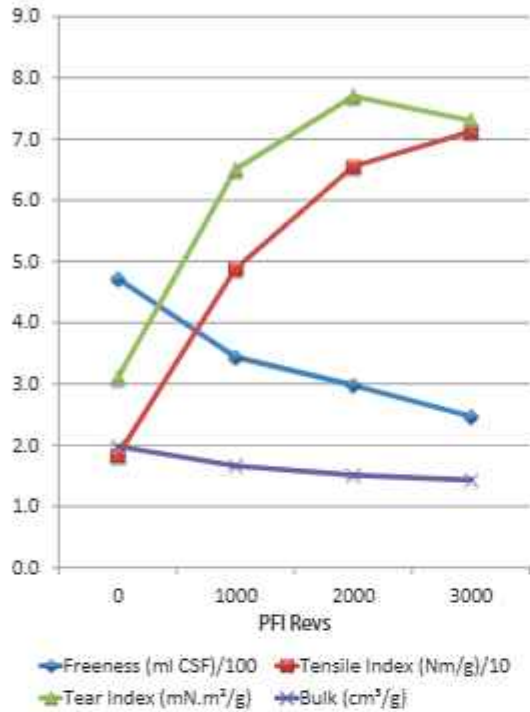
Fiber Length (average)	mm	0.78	Valmet FS#5
Fiber Population (average)	pcs/mg	30000	Valmet FS#5
Coarseness (average)	mg/m	0.052	Valmet FS#5
Fines content (0.0-0.2 mm)	%	9.8	Valmet FS#5
Ash Content	%	< 0.2	TAPPI T211
Extractives (DCM)	%	0.25	TAPPI T 204
Viscosity	dm <sup>3</sup> /kg	520	ISO 5351
pH		6.5	TAPPI T252

### Environmental Parameters

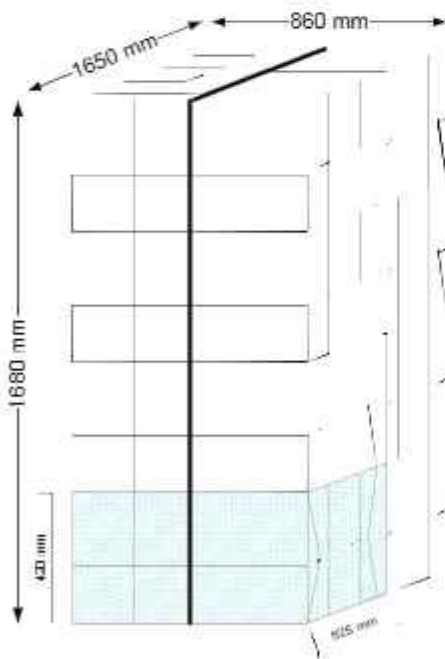
BOD <sub>5</sub> in effluent	kg/ADMT	0.64	APHA Std. Methods - 5210 D
COD in effluent	kg/ADMT	5.54	APHA Std. Methods - 5220 D
TSS in effluent	kg/ADMT	1.00	APHA Std. Methods - 2540 D
AOX in effluent	kg/ADMT	0.016	SCAN - W 9.89



### Typical PFI Beating Curves



### Average Bale and Unit Dimension



	Weight (kg)	Height (mm)	Width (mm)	Length (mm)
Bale Dimensions (2 x 1 wiring)	250	420	860	825
Unit Dimensions (7 wires)	2000	1680	860	1650

#### MANUFACTURING LOCATION:

PT Riau Andalan Pulp and Paper

Pangkalan Kerinci, Riau Province, Indonesia 28300

+62 761 491000

technical\_sales@aprilasia.com

www.aprilasia.com ; www.apriildialog.com

www.paperone.com

@APRILpulp

PaperOne

APRIL Bleached Acacia Kraft Pulp is 100% plantation-sourced fiber produced from majority Acacia using ECF bleaching process. Numbers are average yearly values obtained at APRIL laboratory in TAPPI room condition and not to be used as specification. To maintain pulp quality and condition, buyer shall at all times to promptly receive/unload and store properly. For safety reason, bale wires are not meant for lifting and/or handling purpose.

