



Technical Data Sheet

Product: ECF Bleached Softwood Kraft Pulp
Brand name: Arauco BKP
Wood species: Taeda and Elliotti Pine
Pulp Mill: Arauco Argentina

Arauco BKP is bleached softwood Kraft pulp made from 100% Taeda and Elliotti Pines plantations established in Argentina, Arauco Argentina pulp mill is certified under chain of custody international standards in addition to ISO 9001, ISO 14001 and OHSAS 18001 certified for quality, environmental and occupational health and safety scopes. Used for a variety of printing and writing papers, both coated and uncoated, tissue paper, high quality cardboard and wrapping paper and other industrial papers due to its high strength and good quality.

Pulp Characteristics

Target values for optical Properties and Dryness

	Unit	Target	Lower limit	Maximum	Based on
Brightness	(% ISO)	90	88.5		ISO 2470
Dirt Count	(mm ² /kg)	3.0		7.0	ISO 5350-2
Dryness	(%)	89.9	86.0	92.0	Forte Online

Response to PFI laboratory refining ⁽¹⁾

Refining curve:		Reference Values					Based on
	Unit						
PFI Revolutions	(Rev)	0	500	2000	4000	7000	
Drainability	(ml CF)	729	724	663	546	373	ISO 5267-2
Tensile Index	(Nm/g)	23.1	39.5	63.7	77.9	84.5	ISO 1924-2
Burst Index	(kPam ² /g)	1.3	2.1	4.2	5.3	5.6	ISO 2758
Tear Index	(mNm ² /g)	17.3	24.0	17.2	12.9	11.6	ISO 1974
Gurley Porosity	(s/100 ml)	0.4	0.5	1.0	2.9	14.2	ISO 5636-5
Bulk	(cm ³ /g)	1.90	1.67	1.49	1.42	1.37	ISO 534
Opacity	(%)	70.3	67.4	63.2	60.8	59.5	ISO 2471

Reference chemical properties

	Unit	Min	Target	Max	Based on
Intrinsic Viscosity	(cm ³ /g)	710			Tappi 230
Ash	(%)		0.09	0.18	ISO 1762
pH	(N°)		6.0		ISO 6588

Reference Bale and Unit Dimension

	Unit	Bale	Unit (8 bales)
Length	(cm)	87-88	174-176
Width	(cm)	74-76	74-76
Height	(cm)	40-41	162-164
Weight	(Kg)	250	2000

(1) Values obtained at pulp Mill Laboratory with normal production samples.