

## Food and Pharmaceutical Grade Bleached and Unbleached Pulp Technical Data

### Index:

Brightness bleached	80-88% (ISO 2470)(STN ISO 3688)
Brightness unbleached	37-40 % (ISO 2470)(STN ISO 3688)
Sheet size	650mm x 800mm±
Dirt content	max.20(0.02-0.2 mm <sup>2</sup> )
Breaking Length	≥5.6km
Average Length of Fiber	1.68-2.18mm
pH(10% suspension)	7.10-7.50 (ISO 6588)
Moisture	max. 17.5% (ISO 287)(STN 500207)
Sulfate ashes(800°+/-25° C)	max. 2% (ISO 1762)

### **Mykotoxins:**

Aflatoxin B1	max. 2 ug/kg
Aflatoxin B1 /B2/G1/G2:total sum	max. 4 ug/kg
Desoxynivalenol(DON)	max. 750 ug/kg
Ochtratoxin A	max. 3 ug/kg
Zearalenon	max. 75 ug/kg

### **Heavy Metals:**

Lead(Pb)	max. 0.2 mg/kg
Cadmium(Cd)	max. 0.1 mg/kg

### **Organochlorous-Pesticides:**

o,p-DDD / o,p-DDE / o-p-DDT	
p,p-DDD / p,p-DDE / p-p-DDT:total sum	max. 0.05mg/kg
Anthrachinone	max. 0.01mg/kg

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## Microbiological examinations:

Aerobic micro-organisms

Yeasts

Moulds

Enterobacteriaaceae

Escheria choli

Staphylococci, coagulase-positive

Bacillus cereus

Chlostridium spp., sulfite reducing

Salmonella spp.

max.  $1 \times 10^3$  CFU/g

max.  $1 \times 10^2$  CFU/g

max.  $1 \times 10^2$  CFU/g

max.  $1 \times 10$  CFU/g

negative in 1g

negative in 1g

max.  $1 \times 10^2$  CFU/g

max.  $1 \times 10$  CFU/g

negative in 25

As reference bamboo pulp. Wheat and other pulp may be different.

### DATA SHEET BLEACHED BAMBOO PULP

January 2021

Name of criteria	Unit	Level	Test Standard	
Tensile index $\geq$	N.m/g	50	GB/T 24323-2009	
Breaking index $\geq$	kPam <sup>2</sup> /g	3.5-4	GB/T 24324-2009 GB/T 24325-2009 GB/T 333-2004	
Tear index $\geq$	mNm <sup>2</sup> /g	8.5	GB/T 333-2004	
Viscosity $\geq$	mL/g	550	GB/T 1548-2004	
Brightness $\geq$	%	84	GB/T 8940-2-2002 GB/T 7974-2013	
Dirty count	0.3 - 0.99 mm <sup>2</sup>	mm <sup>2</sup> /1Kg	100	GB/T 10740-2002
	1.0 - 4.0 mm <sup>2</sup>		60	
	5.0 mm <sup>2</sup>		0	
Moisture $\leq$	%	17.5 (-2,5)	GB/T 742-2008	
Ash content $\leq$	%	1	GB/T 742-2008	

### DATA SHEET UNBLEACHED BAMBOO PULP

January 2021

Name of criteria	Unit	Level	Test Standard	
Tensile index $\geq$	N.m/g	50	GB/T 24323-2009	
Breaking index $\geq$	kPam <sup>2</sup> /g	4	GB/T 24324-2009 GB/T 24325-2009 GB/T 333-2004	
Tear index $\geq$	mNm <sup>2</sup> /g	11	GB/T 333-2004	
Viscosity $\geq$	mL/g	1,000	GB/T 1548-2004	
Brightness $\geq$	%	30~35	GB/T 8940-2-2002 GB/T 7974-2013	
Dirty count	0.3 - 0.99 mm <sup>2</sup>	mm <sup>2</sup> /1Kg	100	GB/T 10740-2002
	1.0 - 4.0 mm <sup>2</sup>		60	
	5.0 mm <sup>2</sup>		0	
Moisture $\leq$	%	15 (+3,5)	GB/T 742-2008	
Ash content $\leq$	%	1	GB/T 742-2008	

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