



**SRPNP**  
FOR YOUR BENEFITS FOR OUR WIN-WIN

**NINGBO SURE PAPER CO.,LTD.**



FSC  
COC-321559

# NINGBO SURE PAPER CO.,LTD

Room 801-802, Building B, Hongtai Di Biao, 55 Haiyan

North Road, Yinzhou, Ningbo

Website: <https://www.sure-paper.com>

## NATURAL HEARTY -NORMAL BULK UNCOATED CUPSTOCK 1S PE 0/15

TECHNICAL INFORMATION												
Property	Unit	Standard	Tolerance	Values								
Grammage (Baseboard)	g/m <sup>2</sup>	ISO 536	±3%	190	210	230	240	250	260	280	300	320
Low Density Polyethylene	15 g/m <sup>2</sup>		±2g/m <sup>2</sup>	205	225	245	255	265	275	295	315	335
Caliper	Baseboard μm	ISO 534	±3%	282	314	355	365	375	384	402	430	445
	PE board μm		±3%	297	329	370	380	390	399	417	445	460
Stiffness CD	mN*m	ISO2493	target	2.92	3.38	6.06	6.11	6.15	6.42	7.58	8.36	11.0
Stiffness MD			min	2.36	2.74	4.90	4.95	4.98	5.19	6.14	6.80	8.90
			target	5.78	6.72	9.35	9.61	10.2	10.8	15.6	17.1	18.3
			min	4.68	5.40	7.57	7.78	8.25	8.76	12.7	13.9	14.8
Moisture	%	ISO 287	±1.5	7.5								
Brightness Top	%	ISO2470 -2	≥	80.0								
Infiltration (95°C hot water) Distance Method	mm	GB/T 31905	≤	5								
Infiltration (95°C hot water) Weighing Method	Kg/m <sup>2</sup>		≤	1.5								
Dirt(0.1 -0.3mm <sup>2</sup> )	dot/m <sup>2</sup>	GB/T 1541	≤	40								
Dirt(0.3 -1.5mm <sup>2</sup> )				16								
Dirt(>1.5mm <sup>2</sup> )				4(Black dirt>1.5mm <sup>2</sup> &large dirt >2.5 mm <sup>2</sup> are not allowed)								
Squareness	mm	GB/T 451.1		0~2.0								
Size Deviation	mm	GB/T 451.1		0~2.0								
Optical Brightening Agent		GB/T31604.4 7		Negative								
Food Safety Standard	Qualified by SGS According to FDA 21176.170/ISEGA According to Regulation(EC)No 1935/2004,(EU)No 10/2011											

Infiltration(95 °C hot water)is one of the methods of distance or weight,which is arbitrated according to the weight method.

Test Condition:(50 ±2)%RH,(23 ±1)°C



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## NATURAL HEARTY -NORMAL BULK UNCOATED CUPSTOCK 2S PE 15/15

TECHNICAL INFORMATION												
Property	Unit	Standard	Tolerance	Values								
Grammage (Baseboard)	g/m <sup>2</sup>	ISO 536	±3%	190	210	230	240	250	260	280	300	320
Low Density Polyethylene	30 g/m <sup>2</sup>		±4g/m <sup>2</sup>	220	240	260	270	280	290	310	330	350
Caliper	Baseboard μm	ISO 534	±3%	282	314	355	365	375	384	402	430	445
	PE board μm		±5%	312	344	385	395	405	414	432	460	475
Stiffness CD	mN*m	ISO 2493	target	2.92	3.38	6.06	6.11	6.15	6.42	7.58	8.36	11.0
Stiffness MD			min	2.36	2.74	4.90	4.95	4.98	5.19	6.14	6.80	8.90
			target	5.78	6.72	9.35	9.61	10.2	10.8	15.6	17.1	18.3
			min	4.68	5.40	7.57	7.78	8.25	8.76	12.7	13.9	14.8
Moisture	%	ISO 287	±1.5	7.5								
Brightness Top	%	ISO 2470-2	≥	80.0								
Infiltration (95°C hot water) Distance Method	mm	GB/T 31905	≤	5								
Infiltration (95°C hot water) Weighing Method	Kg/m <sup>2</sup>		≤	1.5								
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