

# 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>

## UNCOATED CUPSTOCK 1S Bio Polymer 0/25

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
Bio Polymer	25 g/m <sup>2</sup>		±5 g/m <sup>2</sup>	215	235	255	265	275	285	305	325	345
Caliper	Baseboard μm	ISO 534	±3%	282	314	355	365	375	384	402	430	445
	Bio Polymer board μm		±4%	307	339	380	390	400	409	427	455	470
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
			min	2.36	2.74	4.90	4.95	4.98	5.19	6.14	6.80	8.90
Stiffness MD			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								
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/T31604.47	-	Negative								
Food Safety Standard	Qualified by SGS According to FDA 21176.1701*1SEGA According to Regulation (EC)No 1935/2004,(EU)No 10/2011 in progress											
	Infiltration(95°C hot water)is one of the methods of distance or weight,which is arbitrated according to the weight method.											
Polymer Compost certification	EU EN13432/Germany DIN 13432:2000-12/USA BPL,ASTM6400											

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## UNCOATED CUPSTOCK 2S Bio Polymer 25/25

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
Bio Polymer	50 g/m <sup>2</sup>		±5 g/m <sup>2</sup>	240	260	280	290	300	310	330	350	370
Caliper	Baseboard μm	ISO 534	±3%	282	314	355	365	375	384	402	430	445
	Bio Polymer board μm		±4%	332	364	405	415	425	434	452	480	495
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
			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	
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