

Technical Data Sheet / Specifications

PRODUCT NAME : NINGBO STAR C2S ART BOARD

Quality/Attributed	Unit	Standard	Tolerance	210	230	250	260	270	300	350	400
Grammage	g/m ²	ISO 536	±3%	210	230	250	260	270	300	350	400
	(24"x36" 500)lb	ISO 536		129	141	154	160	166	184	215	246
Caliper	pt	ISO 534	±0.4	8.5	9.8						
			±0.6			10.6	11.2	12	14	15.9	18.1
Thickness	µm	ISO 534	±10	225	250						
			±15			285	300	315	355	416	475
Stiffness CD	mN·m	ISO 2493	target	1.6	2.3	3	3.8	4.4	6	9.1	13.7
			min	1.4	2.2	2.8	3.6	4	5.4	8.2	12.3
Stiffness MD	mN·m	ISO 2493	target	3	4.1	5.2	6.2	7	10.8	16.1	22.4
			min	2.8	3.7	5	5.7	6.3	9.2	13.8	19.9
Moisture	%	ISO 287	±1.0	6.5							
PPS Top/Back	µm	ISO 8791-4	≤	1.4	1.6						
Brightness Top/Back	%	ISO 2470-2	±2.0	94							
*L*Top/Back		ISO 5631-2	±1.0	93.5							
*a*Top/Back		ISO 5631-2	±0.50	1.5							
*b*Top/Back		ISO 5631-2	±0.50	-7							
Gloss75° Top/Back	%	ISO 8254-1	≥	60							
IGT Blister Top/Back	m/s	ISO 3783	≥	1.2							
COBB 60s Top/Back	g/m ²	ISO 535	≤	55							
PLY Bonding	J/m ²	TAPPI 569	≥	150							
Squareness	mm	GB/T 451.1	-	0-2.0							
Size Deviation	mm	GB/T 451.1	-	0-2.0							

Items marked "" are reference standards

Test Condition (50±2)%RH, (23±1)°C

