

ZENITH
 GC1 FOLDING BOX BOARD



TECHNICAL INFORMATION												
Property	Unit	Standard	Tolerance	Values								
Grammage	g/m ²	ISO 536	±3%	215	220	235	250	270	295	325	350	380
	(24"x36" 500)lb	ISO 536		132	135	144	154	166	181	200	215	233
Caliper	pt	ISO 534	±0.4	12.0	12.0	14.0						
			±0.6				15.0	16.1	18.1	20.1	22.0	24.0
Thickness	µm	ISO 534	±10	305	305	355						
			±15				380	410	460	510	560	610
Stiffness CD	mN·m	ISO 2493	target	3.60	3.60	5.00	5.80	8.20	11.0	14.6	17.0	20.0
			min	3.30	3.30	4.50	5.30	7.50	10.0	13.0	15.0	17.5
Stiffness MD	mN·m	ISO 2493	target	7.10	7.10	10.0	13.0	16.0	22.5	28.5	35.0	40.0
			min	6.50	6.50	8.90	10.5	14.8	19.7	25.6	29.5	34.5
Moisture	%	ISO 287	±1.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
PPS Top	µm	ISO 8791-4	≤	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70
Brightness Top	%	ISO 2470-2	±2.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
* L*		ISO 5631-2	±1.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
* a*		ISO 5631-2	±0.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
* b*		ISO 5631-2	±1.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0	-5.0
Gloss 75° Top	%	ISO 8254-1	≥	45	45	45	45	45	45	45	45	45
IGT Blister Top	m/s	ISO 3783	≥	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
COBB 60s Top	g/m ²	ISO 535	≤	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
PLY Bonding	J/m ²	TAPPI 569	≥	130	130	130	130	130	130	130	130	130
Squareness	mm	GB/T 451.1		0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0
Size Deviation	mm	GB/T 451.1		0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0	0-2.0

• Items marked "*" are reference standards

Test Condition:(50±2)%RH,(23±1)°C

Version: A-Q(Issued in May 2021, Supersedes version dated in April 2021.)

Manufactured by: Ningbo Asia Pulp & Paper Co.,Ltd