

SPECIFICATION OF MANILA BOARD

PARTICULARS	UNITS	MANILA BOARD COLOUR	
		GSM RANGE	
Substance	g/m ²	120 - 160	180 - 240
Substance tolerance	gm / %	+/- 4%	+/- 4%
Bulk	cc/g	1.25	1.25
Moisture	%	5- 6	5- 6
Tensile Index (min) MD/CD	Nm/g	48/27	48/27
Breaking Length MD/CD	meters	4800/2700	4800/2700
Tear Index (min) MD/CD	mNm ² /g	5.0 / 5.5	5.0 / 5.5
Tear Factor MD/CD		50/55	50/55
Burst Index (min)	kPa m ² /g	1.8	1.8
Burst Factor		18	18
Bendtsen Smoothness (max) TS/WS	ml/min	600/300	600/300
Porosity (max)	ml/min	200-300	200-300
Opacity (Ptg)	%	95	96
Cobb sizing (1 min) TS/WS (max)	g/m ²	25 – 30	25 – 30
Stiffness MD/CD	Taber	15/7	15/7

Technical Specification for Manila Board – WHITE, PINK, BLUE

PARTICULARS	Units	MANILA 180 Gsm
Substance tolerance	%	+/- 5.0
Bulk (min)	cc/g	1.25
Burst factor (min)	-	17
Tear factor (min) MD/CD	-	45/50
Breaking length (min) MD/CD	m	4500/2300
Smoothness TS/WS (max) (Bendtsen)	ml/min	350 - 450/ 200- 300
Brightness (min) (White)	% ISO	86
Cobb sizing (1 min) TS/WS (max)	gsm	26
Wax pick	Min	11 /11



NEO BRISTOL BORAD

APPLICATION

Index, Greeting card, Name card, Commercial tag

TYPE

White, Extra white

BASIS WEIGHT

160–400gsm

FEATURES & BENEFITS

Outstanding brightness and whiteness,
Smoothness of surface

SPECIFICATIONS

White

Substance	Basis weight (g/m ²)	Thickness (µm)	Smoothness (sec)	Brightness (%)	Opacity (%)	Surface strength (A)	Whiteness (%)
160	160±3%	187±5	10↑	87±3	96↑	14↑	100↑
180	180±3%	210±5	10↑	87±3	96↑	14↑	100↑
300	300±3%	350±5	10↑	87±3	98↑	14↑	100↑
350	350±3%	410±5	10↑	87±3	99↑	14↑	100↑
400	400±3%	465±5	10↑	87±3	99↑	14↑	100↑

Extra white

Substance	Basis weight (g/m ²)	Thickness (µm)	Smoothness (sec)	Brightness (%)	Opacity (%)	Surface strength (A)	Whiteness (%)
180	180±3%	210±5	10↑	87±3	96↑	14↑	120↑
210	210±3%	240±5	10↑	87±3	96↑	14↑	120↑
230	230±3%	270±5	10↑	87±3	97↑	14↑	120↑
250	250±3%	290±5	10↑	87±3	97↑	14↑	120↑
300	300±3%	350±5	10↑	87±3	98↑	14↑	120↑

GREEN CERTIFICATE

