



N R AGARWAL INDUSTRIES LIMITED (Unit IV)



Product: Coated Paper Board White Back (Diamond)

Specifications

M/c Deckle: 160 to 168 Cms

06.09.2023

Gsm	Caliper	Bulk	Stiffness (Taber) g-cm Tappi T 489 om 99		
Tappi T 410 om-02	Tappi T 411 om 97	(cm ³ /g)	MD	CD	GM
230	247	1.07	38	17	25
250	268	1.07	45	20	30
260	279	1.07	55	24	36
285	308	1.08	75	32	49
296	323	1.09	90	40	60
310	341	1.10	100	42	65
320	353	1.10	105	45	69
350	389	1.11	145	63	96
360	400	1.11	155	67	102
400	449	1.12	195	85	129
410	460	1.12	205	88	134
450	514	1.14	245	106	161
Tol. : ± 3%	± 5%	± 5%	± 10%		

Parameters	Unit	Test Procedure	Values
Plybond	(J/m ²)	Tappi T 569 pm 00	135 (Min)
Roughness (PPS)	microns(μ)	Tappi T 555 om 99	3.0 (Max)
IGT Dry pick (MV)	m/s	Tappi T 514	0.7 (Min)
Brightness (Top)	(%)	Tappi T 452 om 98	76 (Min)
Gloss at 75°	(%)	Tappi T 480 om 92	40 (Min)
Cobb 60 : T/S	g/m ²	Tappi T 441 om 98	50 (Max)
B/S	g/m ²		60 (Max)
Moisture 200/300 Gsm	%	Tappi T 412 om 02	6.5 ± 0.5
Moisture 301/500 Gsm		Tappi T 412 om 02	7.5 ± 0.5
Burst Factor		Tappi T 807	14 (Min)

Board Construction

TOP PIGMENT COAT WITH BAR : 10 ± 1 GSM
PRE PIGMENT COAT WITH BAR : 10 ± 1 GSM
SIZE PRESS STARCH
TOP LAYER (RECYCLED WHITE PULP)
UNDER LAYER (RECYCLED WHITE PULP)
FILLER LAYER (RECYCLED MIXED WASTE PULP)
UNDER LAYER (RECYCLED WHITE PULP)
TOP LAYER (RECYCLED WHITE PULP)
SIZE PRESS STARCH
Back PIGMENT COAT : 08 ± 1 GSM

Features

- Product Certified by CFTRI, Under USDA 176.170 Test method
- Low levels of heavy metals (Each <20PPM)
- Suitable for high quality offset and gravure printing.
- Suitable for high quality embossing, foil stamping.
- Used in multi purpose post print applications.
- Board for blister pack, Polycoatings produced on demand.

M/c Deckle: 154 to 166 Cms

Note:

1. Tolerance are based upon 95% confidence limit on single mill measurements of random samples.
2. Specifications are subject to changes without any prior notice.



N R AGARWAL INDUSTRIES LIMITED (Unit IV)



Product: Coated Paper Board Grey Back (Diamond)

Specifications

M/c Deckle: 160 to 168 Cms

06.09.2023

Gsm	Caliper	Bulk	Stiffness (Taber) g-cm Tappi T489 om-99		
Tappi T 410 om-02	Tappi T 411 om 97	(cm ³ /g)	MD	CD	GM
200	230	1.15	29	13	19
230	267	1.16	40	18	27
250	290	1.16	55	25	37
260	307	1.18	65	28	43
285	337	1.18	85	38	57
296	352	1.19	100	43	66
310	372	1.20	110	50	74
320	385	1.20	120	52	79
350	421	1.20	150	65	99
360	432	1.20	160	70	106
400	485	1.21	210	91	138
410	497	1.21	225	97	148
450	545	1.21	275	119	181
Tol. : ± 3%	± 5%	± 5%	± 10%		

Parameters	Unit	Test Procedure	Values
Plybond	(J/m ²)	Tappi T 569 pm 00	135 (Min)
Roughness (PPS)	microns(μ)	Tappi T 555 om 99	3.0 (Max)
IGT Dry pick (MV)	m/s	Tappi T 514	0.7(Min)
Brightness (Top)	(%)	Tappi T 452 om 98	76 (Min)
Gloss at 75°	(%)	Tappi T 480 om 92	40 (Min)
Cobb 60 : T/S	g/m ²	Tappi T441 om 98	50 (Max)
B/S	g/m ²		60 (Max)
Moisture 200/300 Gsm	%	Tappi T412 om 02	6.5 ± 0.5
Moisture 301/500 Gsm		Tappi T412 om 02	7.5 ± 0.5
Burst Factor		Tappi T807	14 (Min)

Board Construction	Features
TOP PIGMENT COAT WITH BAR : 10 ± 1 GSM	<ul style="list-style-type: none"> Product Certified by CFTRI, Under USFDA 176.170 Test method Low levels of heavy metals (Each <20PPM) Suitable for high quality offset and gravure printing. Suitable for high quality embossing, foil stamping. Used in multi purpose post print applications. Board for blister pack, Polycoatings produced on demand.
PRE PIGMENT COAT WITH BAR : 10 ± 1 GSM	
SIZE PRESS STARCH	
TOP LAYER (RECYCLED WHITE PULP)	
UNDER LAYER (RECYCLED WHITE PULP)	
FILLER LAYER (RECYCLED MIXED WASTE PULP)	
BACK LAYER (RECYCLED SELECTED WASTE PULP)	
BACK STARCH COAT : 02 ± 1 GSM	

M/c Deckle: 154 to 168 Cms

Note:

1. Tolerance are based upon 95% confidence limit on single mill measurements of random samples.
2. Specifications are subject to changes without any prior notice.