

# 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

Stiffness (Taber) g-cm Tappi T 489 om 99

Gsm	Caliper	Bulk	Stiffness (Taber) g-cm Tappi T 489 om 99		
Tappi T 410 om-02	Tappi T 411 om 97	(cm <sup>3</sup> /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
<b>Tol. : ± 3%</b>	<b>± 5%</b>	<b>± 5%</b>	<b>± 10%</b>		

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

**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	B ulk (cm (g)	Stiffness (Taber) g-cm Tappi T489		G M
			D 99	C D	
Tappi T 410 om-02 97	Tappi T 411 om				
200	230	1.15	29	15	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
<b>Tol. : ± 3%</b>	<b>± 5%</b>	<b>± 5%</b>		<b>± 10%</b>	

Parameters	Units	Test Procedure	Values
Plybond	(J/m <sup>2</sup> )	Tappi T 569 pm 00	135 (Min)
Roughness (PPS) IGT Dry pick (MV)	micron s(μ)	Tappi T 555 om 99	3.0 (Max)
Brightness (Top) Gloss at 75°	m/s (%)	Tappi T 514	( )
Cobb 60 : T/S	(%)	Tappi T 452 om 98	0.7(Min)
B/S	(%)	Tappi T 480 om 02	76 ( )
Moisture 200/300	g / m	Tappi T 412 om 02	(Min)
Gsm Moisture	m	Tappi T412 om 02	40 (Min)
301/500 Gsm Burst Factor	GSM / m	Tappi T807	50 (Min)
Board Construction			Features
TOP PIGMENT COAT WITH BAR : 10 ± 1 GSM			Product Certified by CFTRI, Under USFDA Method (Max)
PRE PIGMENT COAT WITH BAR : 10 ± 1 PRESS STARCH			60 (Max)
TOP LAYER (RECYCLED WHITE PULP) UNDER LAYER (RECYCLED WHITE PULP)			Low levels of heavy metals (Each <20PPM) (Max)
FILLER LAYER (RECYCLED MIXED WASTE PULP) BACK LAYER (RECYCLED SELECTED WASTE PULP) BACK STARCH COAT : 02 ± 1 GSM			Suitable for high quality offset and gravure printing. (Max)
			Suitable for high quality embossing, foil stamping. ± 0.5
			Suitable for high quality embossing, foil stamping. 7.5 ±
			Used in multi purpose post print applications. 0.5
			Board for blister pack, Polycoatings production on demand. 14 (Min)

\* M/c Deckle: 154 to 168 Cms 95% confidence limit on single mill measurements of random samples.

Note: