



# N R AGARWAL INDUSTRIES LIMITED (UNIT I)

Product: Coated Paper Board (White Back)



## Specifications

M/c Deckle: 248 to 257 Cms

06.09.2023

GSM gm/m2 (T 410 om 02)	Caliper microns (T 411 om 97)	Bulk (cc/gm)	Taber Stiffness (T 489 om 99)			Parameters	Unit	Values
			gm-cm					
			MD	CD	GM			
230	260	1.13	41	17	26	<b>Cobb 60 : (Top)</b> Tappi T 441 om 98	g/m2	50 (Max)
250	285	1.14	58	25	38			
260	296	1.14	67	29	44	<b>Cobb 60 : (Bottom)</b> Tappi T 441 om 98	g/m2	60 (max)
270	308	1.14	72	32	48			
285	328	1.15	89	40	60	<b>Brightness (Top)</b> Tappi T 452 om 98	%	78 (Min)
296	340	1.15	102	45	68			
310	360	1.16	113	50	75	<b>Gloss at 75°</b> Tappi T 480 om 92	%	40 (Min)
320	371	1.16	120	53	80			
330	383	1.16	128	56	85	<b>Roughness (PPS)</b> Tappi T 555 om 99	Microns	2.8 (Max)
340	394	1.16	136	60	90			
350	406	1.16	148	65	98	<b>IGT Dry Pick (MV)</b> Tappi T 514	m/s	0.8 (Min)
360	418	1.16	160	70	106			
370	429	1.16	175	77	116	<b>Ply Bond</b> Tappi T 569 pm 00	J/m2	135 (Min)
380	448	1.18	190	85	127			
400	472	1.18	230	100	152	<b>Moisture (230 to 300 GSM)</b> Tappi T 412 om 02	%	6.5 ± 0.5
410	484	1.18	235	105	157			
420	496	1.18	245	110	164	<b>Moisture (301 to 500 GSM)</b> Tappi T 412 om 02	%	7.5 ± 0.5
450	531	1.18	275	125	185			
500	590	1.18	335	155	228	<b>Burst Factor</b> Tappi T 807		15 (Min)
<b>Tolerance : ± 3%</b>	<b>± 5%</b>	<b>± 5%</b>	<b>± 10%</b>	<b>± 10%</b>	<b>± 10%</b>			

Board Construction	
	TOP PIGMENT COAT WITH BLADE : 10 ± 1 GSM
	PRE PIGMENT COAT WITH BAR : 10±1GSM
	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 : 10 ± 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.
FSC Board , Blister pack ,Polycoating produced on demand.

### Note:

- All Properties are according to Lab. Testing measurements at N R Agarwal Industries Ltd.(Unit 1) , Vapi
- Tolerance are based upon 95% confidence limit on single mill measurements of random samples.
- Specifications are subject to changes without any prior notice.