



N R AGARWAL INDUSTRIES LIMITED (UNIT I)

Product: Coated Paper Board (Grey 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
			MD	CD	GM			
230	281	1.22	48	20	31	Cobb 60 : (Top)	g/m2	50 (Max)
250	305	1.22	60	25	39	Tappi T 441 om 98		
260	317	1.22	65	28	43	Cobb 60 : (Bottom)	g/m2	60 (max)
270	332	1.23	72	31	47	Tappi T 441 om 98		
285	359	1.26	92	40	61	Brightness (Top)	%	77 (Min)
296	373	1.26	105	45	69	Tappi T 452 om 98		
310	391	1.26	120	52	79	Gloss at 75°	%	40 (Min)
320	403	1.26	130	56	85	Tappi T 480 om 92		
330	416	1.26	135	58	88	Roughness (PPS)	Microns	2.8 (Max)
340	428	1.26	140	60	92	Tappi T 555 om 99		
350	441	1.26	155	66	101	IGT Dry Pick (MV)	m/s	0.8 (Min)
360	454	1.26	180	78	118	Tappi T 514		
370	466	1.26	185	80	122	Ply Bond	J/m2	135 (Min)
380	479	1.26	195	85	129	Tappi T 569 pm 00		
400	504	1.26	230	105	155	Moisture (230 to 300 GSM)	%	6.5 ± 0.5
410	517	1.26	235	108	159	Tappi T 412 om 02		
420	529	1.26	250	115	170	Moisture (301 to 500 GSM)	%	7.5 ± 0.5
450	567	1.26	300	140	205	Tappi T 412 om 02		
500	630	1.26	360	165	244	Burst Factor		15 (Min)
Tolerance : ± 3%	± 5%	± 5%	± 10%	± 10%	± 10%	Tappi T 807		

Board Construction	
	TOP PIGMENT COAT WITH BLADE : 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)
	BACK LAYER (RECYCLED SELECTED WASTE PULP)
	BACK STARCH COAT : 02 ± 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.	
FSC Board , Blister pack ,Polycoating	on demand. produced

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.

