



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

Board Construction	Features
TOP PIGMENT COAT WITH BLADE : 10 ± 1 GSM	Product Certified by CFTRI, Under USFDA 176.170 Test method
PRE PIGMENT COAT WITH BAR : 10 ± 1 GSM	Low levels of heavy metals (Each <20PPM)
SIZE PRESS STARCH	Suitable for high quality offset and gravure printing.
TOP LAYER (RECYCLED WHITE PULP)	Suitable for high quality embossing, foil stamping.
UNDER LAYER (RECYCLED WHITE PULP)	FSC Board , Blister pack ,Polycoating produced on demand.
FILLER LAYER (RECYCLED MIXED WASTE PULP)	
BACK LAYER (RECYCLED SELECTED WASTE PULP)	
BACK STARCH COAT : 02 ± 1 GSM	

- 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.