



N R AGARWAL INDUSTRIES LIMITED (Unit I)

Product: Coated Paper Board (Grey Back)



Specifications

M/c Deckle: 248 to 257 Cms

15.06.2020

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	283	1.23	48	20	31	Cobb 60 : (Top) Tappi T 441 om 98	g/m2	50 (Max)
250	310	1.24	60	25	39			
260	322	1.24	65	28	43	Cobb 60 : (Bottom) Tappi T 441 om 98	g/m2	60 (max)
270	335	1.24	72	31	47			
285	359	1.26	92	40	61	Brightness (Top) Tappi T 452 om 98	%	77 (Min)
296	379	1.28	105	45	69			
310	397	1.28	120	52	79	Gloss at 75° Tappi T 480 om 92	%	40 (Min)
320	410	1.28	130	56	85			
330	422	1.28	135	58	88	Roughness (PPS) Tappi T 555 om 99	Microns	2.8 (Max)
340	435	1.28	140	60	92			
350	448	1.28	155	66	101	IGT Dry Pick (MV) Tappi T 514	m/s	0.8 (Min)
360	461	1.28	180	78	118			
370	474	1.28	185	80	122	Ply Bond Tappi T 569 pm 00	J/m2	135 (Min)
380	486	1.28	195	85	129			
400	512	1.28	230	105	155	Moisture (230 to 300 GSM) Tappi T 412 om 02	%	6.5 ± 0.5
410	525	1.28	235	108	159			
420	538	1.28	250	115	170	Moisture (301 to 500 GSM) Tappi T 412 om 02	%	7.5 ± 0.5
450	576	1.28	300	140	205			
500	640	1.28	360	165	244	Burst Factor Tappi T 807		15 (Min)
Tolerance : ± 3%	± 5%	± 5%	± 10%	± 10%	± 10%			

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 USDA 176.170 Test method
Low levels of heavy metals (Each <20PPM)
Suitable for high quality offset and gravure printing.
FSC Board , Blister pack ,Polycoating produced on demand.

Note:

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