

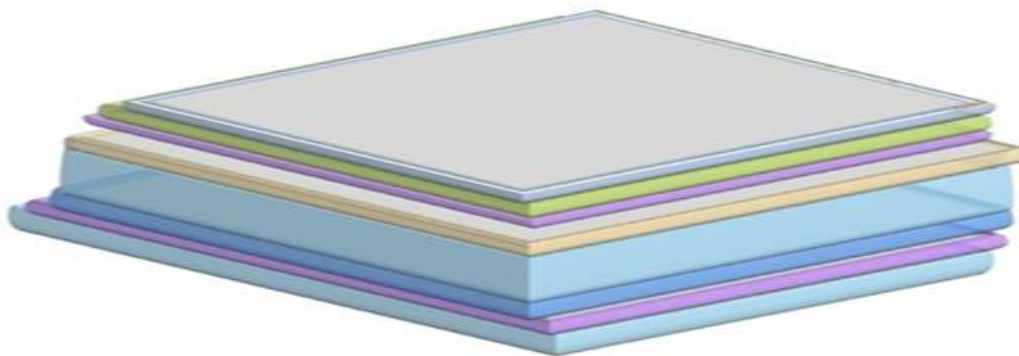
N R AGARWAL INDUSTRIES LIMITED
BOARD MACHINE – NR -- Unit -1
SPECIFICATION SHEETS

DATE: 27th May 2024

PRODUCT: ICONIC WHITE BACK

Substance (GSM) Tappi T-410, om02, ISO-536	CALIPER (μ) Tappi T-411, om 97, ISO 534	BULK (cc/gm.)	Taber Stiffness (T489 om 99) gm-cm		
230	260	1.13	41	17	26
250	285	1.14	58	25	38
260	296	1.14	67	29	44
270	308	1.14	72	32	48
285	328	1.15	89	40	60
296	340	1.15	102	45	68
310	360	1.16	113	50	75
320	371	1.16	120	53	80
330	383	1.16	128	56	85
340	394	1.16	136	60	90
350	406	1.16	148	65	98
360	418	1.16	160	70	106
370	429	1.16	175	77	116
380	448	1.18	190	85	127
400	472	1.18	230	100	152
410	484	1.18	235	105	157
420	496	1.18	245	110	164
450	531	1.18	275	125	185
500	590	1.18	335	155	228
Tol. ±3%	±5%	±5%	±10% Geometric mean value		
PARAMETER	UNIT	TEST PROCEDURE	VALUE		
PLYBOND	(J/M ²)	Tappi T-569 pm - 00	> 135		
ROUGHNESS (PPS)	Micron (μ)	TAPPI T-555 ,om-99/ISO 8791-4	2.8 Max.		
Gloss at 75 °	(%)	Tappi T-480 om-92/ISO 8254-1	40 Min		
IGT DRY PICK(MV)	(m/s)	TAPPI T-514/ISO 3782 & 3783	0.80 Min.		
BRIGHTNESS	(%)	TAPPI T-452 om 98/ISO 2470	78 (Min)		
COBB-60 TS	g/m ²	TAPPI T-441 om 98/ISO 535:2014	50 (Max)		
BS	g/m ²	TAPPI T-441 om 98/ISO 535:2014	60 (Max)		
Moisture					
230-300 GSM	(%)	TAPPI T-412 om 2/ISO 287:2017	6.0 - 7.0		
301-500 GSM	(%)	TAPPI T-412 om 2/ISO 287:2017	7.0 - 8.0		

BOARD CONSTRUCTION:



Double Coated
Size Starch
Top Layer
Under Top Layer
Filler Layer

Bottom Layer
Size Starch
Back Coating

- All properties according to laboratory testing parameter at N R AGARWAL INDUSTRIES LTD Unit-1 - Vapi.
- All properties are tested in controlled climatic condition.
- This specification can be improved further, Subject to product upgradation.
- Tolerance is based upon 86% confidence limit of single mill measurement of conditioned random sample.
- This specification sheets super goods all the earlier specification sheets.
- 100% FSC Recycle board is supply on demand.