

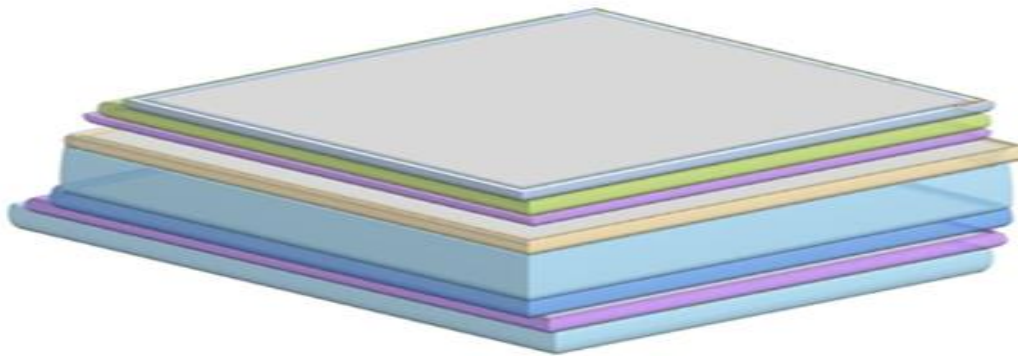
N R AGARWAL INDUSTRIES LIMITED
BOARD MACHINE – NR -- Unit -1
SPECIFICATION SHEETS

DATE: 27th May 2024

PRODUCT: LEGEND 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	246	1.07	38	17	25
250	268	1.07	45	20	30
260	278	1.07	55	24	36
270	289	1.07	65	28	43
285	308	1.08	75	32	49
296	323	1.09	90	40	60
300	330	1.10	95	41	62
320	352	1.10	105	45	69
330	363	1.10	115	48	74
340	374	1.10	125	52	81
350	389	1.11	145	63	96
360	400	1.11	155	67	102
370	411	1.11	165	70	107
380	422	1.11	175	73	113
400	448	1.12	195	85	129
410	459	1.12	205	88	134
420	470	1.12	215	92	141
450	513	1.14	245	106	161
500	570	1.14	255	110	167
Tol. ±3%	±5%	±5%	±10% Geometric mean value		
PARAMETER	UNIT	TEST PROCEDURE		VALUE	
PLYBOND	(J/M²)	Tappi T-569 pm - 00		> 130	
ROUGHNESS (PPS)	Micron (μ)	TAPPI T-555 ,om-99/ISO 8791-4		3.0 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		0.7 Min.	
BRIGHTNESS	(%)	TAPPI T-452 om 98/ISO 2470		76 (Min)	
COBB-60 TS	g/m²	TAPPI T-441 om 98/ISO 535:2014		50 (Max)	
BS	g/m²	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.