



ITC LIMITED - PAPER BOARDS AND SPECIALTY PAPERS DIVISION
UNIT :- BHADRACHALAM

SPECIFICATION SHEET

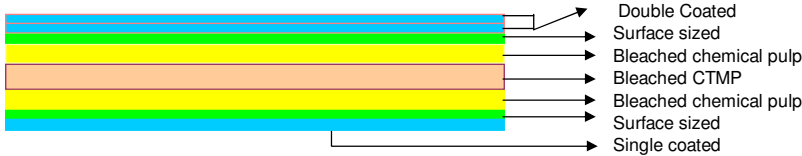
Grade Name : CARTE LUMINA
Grade Id : CL (For Exports)

SPEC NO : CL/EXP/PSPD/BCM/IV/002

GRAMMAGE g/m ² QS/TM/55 Tappi T 410 om-98	THICKNESS µm QS/TM/06 Tappi T 411 om-97	BENDING RESISTANCE			STIFFNESS	
		L&W 15° mN QS/TM/33 Tappi T556 om-95			Taber 15° mNm QS/TM/56 Tappi T 489 0m-99	
		MD	CD	GM	MD	CD
200	290	102	54	74	4.9	2.6
210	305	114	61	83	5.5	2.9
215	312	123	67	91	5.9	3.2
220	319	140	72	100	6.8	3.5
230	334	156	86	116	7.6	4.2
240	348	182	95	132	8.8	4.6
250	363	214	120	160	10.3	5.8
260	377	240	127	175	11.6	6.1
270	392	262	138	190	12.7	6.7
275	399	282	147	203	13.6	7.1
280	406	295	150	210	14.2	7.2
285	413	317	161	226	15.3	7.8
290	421	341	175	244	16.5	8.5
300	435	360	188	260	17.4	9.1
310	450	436	212	304	21.1	10.2
320	464	463	239	333	22.4	11.5
330	479	504	255	359	24.3	12.3
340	493	519	260	367	25.1	12.6
350	508	569	289	405	27.5	13.9
360	522	621	308	437	30.0	14.9
380	551	705	374	513	34.1	18.1
400	580	830	432	599	40.1	20.9
TOL : ± 3%	± 5%	± 10%			± 10%	

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 833 pm-94	J/m ²	150 MIN
ROUGHNESS PPS (Avg.) TOP 200 - 300 GSM >300 GSM QS/TM/49 , Tappi T 555 pm-94	µm	1.5 MAX 2.0 MAX
BRIGHTNESS ISO TOP BACK QS/TM/04 , ISO 2469	%	90.0 ± 2.0 88.0 ± 2.0
WHITENESS CIE TOP BACK QS/TM/40 , Tappi T 833 pm-94	%	103.0 ± 3.0 100.0 ± 3.0
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) QS/TM/31 , ISO 3782 & 3783	m/sec	0.7 MIN
GLOSS AT 75° (Ind.) QS/TM/27 , Tappi T 480 om-92	%	40 MIN
MOISTURE CONTENT ≤300 GSM >300 GSM QS/TM/35 , Tappi T 412 om - 94	%	6.0 - 7.0 7.0 - 8.5

CONSTRUCTION



Note :

- 1.) All Properties are according to ITC Limited, PSPD Unit:BCM Measurements
- 2.) Test Climate 23°C/50%RH (Conditioning as per Tappi T 402 sp-98)
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

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