

CONDENSED SPEC SHEET*

Grade Name: CARTE LUMINA

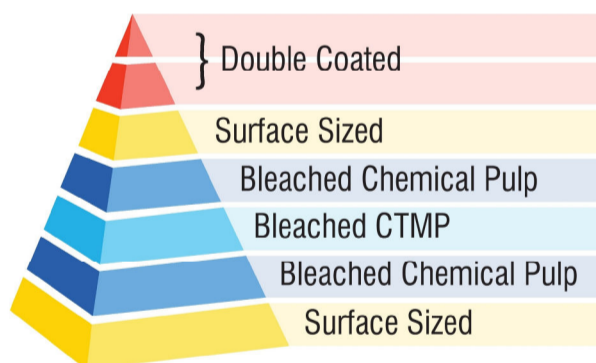
Carte Lumina is a virgin fiber-based paperboard designed for luxury packaging. It beautifully combines strength & stiffness with purity & aesthetics.

SUBSTANCE (GSM) (Avg.)	CALIPER (μM) (Avg.)	BENDING RESISTANCE (L&W) mN		
Tappi T 410	Tappi T 411	Tappi T 556		
		MD	CD	GM
200	320	138	71	99
230	368	203	112	151
250	400	280	146	202
285	456	399	193	278
300	480	483	227	331
320	512	597	293	418
350	560	713	352	501
400	640	1073	540	761
TOL : ± 3%	± 5%			-15%

CERTIFICATIONS & COMPLIANCES	
Manufacturing	ISO 9001, ISO 14001, ISO 45001, BRC Global Standard
Environmental & Safety	FSC® CoC, Light ECF, CII GreenCo Platinum, SMETA 4 Pillar
Regulatory	REACH, ROHS
Food Contact	BfR Recommendation XXXVI BfR Recommendation XXXVI/2 US FDA CFR 21, §176.170 US FDA CFR 21, §176.180

PARAMETER	UNITS	VALUE
PLY BOND (Avg.)	J/m ²	150 MIN
ROUGHNESS PPS (Avg.)	μm	1.5 MAX 1.8 MAX 2.0 MAX
GSM ≤ 250		
250 < GSM ≤ 340		
GSM > 340		
BRIGHTNESS ISO	%	89 MIN 86 MIN
TOP BOT		
WHITENESS CIE	%	110 MIN 108 MIN
TOP BOT		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY)	m/sec	0.7 MIN
TOP		
GLOSS AT 75° (Avg.)	%	35 MIN
MOISTURE	%	7.0 ± 1.0 8.0 ± 1.0
GSM ≤ 300		
GSM > 300		

CONSTRUCTION



Note :

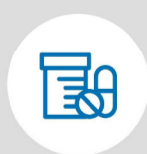
- All Properties are according to ITC PSPD Measurements
- Test Climate 23°C ± 1 & 50% ± 2 RH
- Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples
- All parameters are measured as per relevant Tappi standards



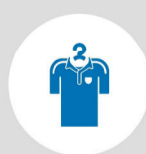
FMCG



CONSUMER ELECTRONICS



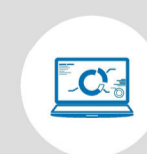
PHARMA



GARMENTS



PUBLISHING



DIGITAL



CULTURAL / CARDS