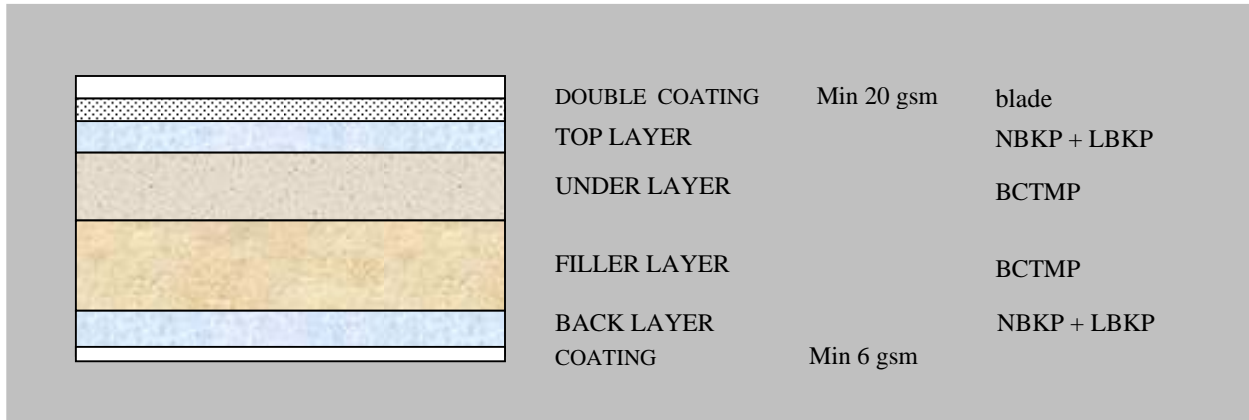




# SINARVANDA (C1S) – GC1 HIGH BULK

PT INDAH KIAT PULP & PAPER Tbk  
SERANG MILL



GRAMMAGE g/m <sup>2</sup>	STIFFNESS TABER 15°		THICKNESS		
	CD (gf.cm)	MD (gf.cm)	CD (mNm)	MD (mNm)	
T 410 om - 02		T 489 om - 99		ISO 534 : 1988 (E)	
210 ± 4%	44	84	4.3	8.2	305 ± 12
230 ± 4%	66	121	6.5	11.9	350 ± 12
245 ± 4%	83	149	8.1	14.6	380 ± 12
260 ± 4%	99	176	9.7	17.3	410 ± 12
*) 280 ± 4%	121	220	11.9	21.6	450 ± 12
*) 305 ± 4%	149	275	14.6	27.0	500 ± 12
*) 330 ± 4%	176	330	17.3	32.4	550 ± 12
360 ± 4%	226	385	22.2	37.8	600 ± 12

Tolerance for Stiffness : ± 10%

MOISTURE CONTENT T 412 om - 02	%	6.5 ± 1
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ROUGHNESS PPS (1.0 MPa), T 555 om - 99 (TOP SIDE)		
GRAMMAGE (g/m <sup>2</sup> )	AVERAGE (µm)	TOLERANCE (µm)
210 - 230	1.0	max 1.3
245 - 360	1.3	max 1.8

GLOSS 75° T 480 om - 99	Top	%	50 ± 5
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BRIGHTNESS (ISO) ISO 2470 - 1977 (E)	Top	%	90 ± 1
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INTERNAL BOND STRENGTH (SCOTT) T 569 pm - 00	J/m <sup>2</sup>	min 120
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WATER ABSORPTION T 441 om - 98			
COBB 1 min	Top	g/m <sup>2</sup>	35 - 55
COBB 3 min *)	Top	g/m <sup>2</sup>	50 (+ 10)
	Filler	g/m <sup>2</sup>	50 (+ 10)
	Back	g/m <sup>2</sup>	50 (+ 10)

**TYPICAL END USES**  
Cosmetics, Toiletries, Pharmaceuticals, Cigarettes, Detergents, Textiles, Toys – Games, Tools, Household Appliances, Hobby Items, Paper Products, Cassettes

\*) Available for Hard Sizing, specially for cold storage food packaging

**RECOMMENDED PRINTING METHODS**  
Offset, Letterpress

Issued Date:	June 15, 2007
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SPECIFICATION FOR REFERENCE ONLY  
ISO 9001 : 2000 and ISO 14001 : 2004 CERTIFICATES