



**GAYATRISHAKTI**  
PAPER & BOARDS LIMITED



## PRODUCT SPECIFICATION SHEET

### **SILKIA (FULLY COATED WHITE BACK)**

#### APPLICATION / FEATURES

1. Pharmaceutical cartons
2. Advertising Pamphlets.
3. High Value Consumer Packaging.
4. Book Covers.
5. Suitable for offset and gravure printing
6. Product approved as per CFTRI
7. Free from flavor and odour
8. Low level of heavy metals contents.
9. No detectable levels of Dioxins

#### BOARD CONSTRUCTION

	Top Coat with blade - 10 (+/-1) g / m <sup>2</sup>
	Pre Coat -10 (+/-1) g/m <sup>2</sup>
	Surface Sized / Starch Coat
	Top Layer - Selected Recycled white Pulp
	Under layer / Recycled Bleached waste paper
	Filler Layer - Recycled Grey Pulp
	Top / Under Layer - Recycled white Pulp
	Surface Sized / Starch Coat
	Back Coat. 9(+/-1)g/m <sup>2</sup>

SUBSTANCE	BULK	CALIPER	TABER STIFFNESS		PARAMETER	UNITEDS	VALUE
(g/m2)	(cc/gms)	(microns)	gm-cm				
			MD	CD	COBB (TOP)	g/m2	30-40
200	1.12	224	32	15			
230	1.12	257	42	20	COBB (BOTTOM)	g/m2	35-50
250	1.14	285	55	25			
260	1.14	296	60	30	BRIGHTNESS (TOP)	%	79(+/-1)
285	1.14	324	85	40	BRIGHTNESS (BOTT)	%	75(+/-1)
300	1.15	345	100	45	GLOSS	%	45(+/-5)
310	1.15	356	115	52			
320	1.15	371	125	60	P.P.S.	microns	<2.5
330	1.15	382	130	62			
350	1.16	406	150	70	I.G.T	mts/sec.	>0.70
360	1.16	417	170	80			
380	1.17	445	195	90	PLY BOND	ft.ib in thousand	>65
400	1.17	468	230	110			
420	1.18	495	260	125	BRUST FACTOR		>16
450	1.18	531	290	140			
(+/-3%)	(+/-5%)	(+/-5%)	(+/ -10%)		SOAT	sec.	300

Moisture Content : 7 +/-1%

Note:

1. Tolerances are based upon 95% confidence limit on single mill measurements of random samples.
2. Specifications are subject to changes without any prior notice.