

## TULSI PAPER MILL PVT.LTD

## SPECIFICATION SHEET

## PRODUCT- SATIN GRAY BACK

SUBSTANCE (GSM)	CALIPER(MIC)	BULK(CC/GSM)	STIFFNESS(TABER) g-cm	MD	CD	RATIO
230	276	1.20		47	19	2.5:1
250	303	1.21		60	24	2.5:1
285	348	1.22		75	31	2.4:1
296	364	1.23		100	42	2.4:1
320	394	1.23		110	46	2.4:1
350	434	1.24		155	65	2.4:1
370	459	1.24		175	46	2.3:1
390	487	1.25		210	95	2.2:1
400	500	1.25		230	105	2.2:1
410	512	1.25		250	114	2.2:1
450	562	1.25		300	136	2.2:1
TOL+ - 3%		+ 5%		+ 10%		
PARAMRTER	UNIT	VALUE	BOARD CONSTRUCTION			
COBB TOP&BOT. BF	gm2 KG/CM2	40-50/50-60 14+	Top coat - 10 gsm Precoat - 10gsm surface sized			
PLY BOND SOAT	FT.LB IN THOUSAND Sec.	80+ 600+	Top liner un-printed white paper( imp.) p/L Layer light printed white paper(imp)			
BRIGHTNESS	%	75+	Fillers mixed paper(imp&Ind.)			
GLOSS AT( 75 Deg.)	%	50+	Fillers mixed paper(imp&Ind.)			
MOISTURE	%AS PER Gsm	6.5-7.5	Fillers mixed paper(imp&Ind.)			
SURFACE PH	6.0-6.5	6.0	Fillers mixed paper(imp&Ind.)			
SMOOTHNESS	ML/MIN	BELOW 15	Fillers mixed paper(imp&Ind.)			
			Fillers mixed paper(imp&Ind.)			
			Back layer recycled gray pulp surface sized			

Dec-2024



# TULSI PAPER MIL'L PVT.LTD

## SPECIFICATION SHEET

### PRODUCT- PREMIUM GRAY BACK

SUBSTANCE (GSM)	CALIPER(MIC)	BULK(CC/GSM)	STIFFNESS(TABER) g-cm		
			MD	CD	RATIO
230	278	1.20	45	18	2.5:1
250	300	1.20	55	22	2.5:1
285	348	1.22	80	32	2.5:1
296	364	1.23	90	40	2.4:1
320	394	1.23	110	50	2.4:1
350	434	1.24	140	63	2.4:1
370	459	1.24	165	73	2.4:1
390	484	1.24	195	87	2.2:1
400	496	1.24	210	95	2.2:1
420	525	1.25	225	102	2.2:1
450	563	1.25	255	116	2.2:1
TOL+ - 3%		± 5%	± 10%		
PARAMRTER	UNIT	VALUE	BOARD CONSTRUCTION		
					Top coat -9 gsm
COBB TOP&BOT.	gm2	40-50/50-60			Precoat - 9 gsm
BF	KG/CM2	14+			surface sized
PLY BOND	FT.LB IN THOUSAND	80+			Top liner un-printed white paper( imp.)
SOAT	Sec.	550+			p/L Layer light printed white paper(imp)
BRIGHTNESS	%	75+			Fillers mixed paper(imp&Ind.)
GLOSS AT( 75 Deg.)	%	45+			Fillers mixed paper(imp&Ind.)
MOISTURE	%AS PER Gsm	6.5-7.5			Fillers mixed paper(imp&Ind.)
SURFACE PH	6.0-6.5	6.0			Fillers mixed paper(imp&Ind.)
SMOOTHNESS	ML/MIN	15-20			Fillers mixed paper(imp&Ind.)
					Fillers mixed paper(imp&Ind.)
					Back layer recycled gray pulp surface sized



# TULSI PAPER MILL PVT.LTD

## SPECIFICATION SHEET

### PRODUCT-SATIN WHITE BACK (HWC)

SUBSTANCE ( GSM)	CALIPER(MIC)	BULK(CC/GSM)	STIFFNESS(TABER) g-cm		
			MD	CD	RATIO
250	288	1.15	50	21	2.4:1
285	336	1.15	75	31	2.4:1
296	349	1.15	90	37	2.4:1
320	384	1.15	105	46	2.3:1
350	403	1.15	140	31	2.3:1
370	444	1.18	160	70	2.3:1
380	448	1.18	170	77	2.2:1
390	460	1.18	180	82	2.2:1
400	472	1.18	195	87	2.2:1
420	496	1.18	220	100	2.2:1
450	531	1.18	240	109	2.2:1
TOL+ - 3%		+ 5%	+ 10%		
PARAMRTER	UNIT	VALUE	BOARD CONSTRUCTION		
COBB TOP & BOT.	gm2	40-50/50-60	Top coat (BLADE)-9/10 gsm		
BF	KG/CM2	14+	Precoat - 9/10 gsm		
PLY BOND	FT.LB.IN THOUSAND	80+	surface sized		
SOAT	Sec.	500+	Top liner un-printed white paper( imp.)		
BRIGHTNESS	%	76+	p/L Layer light printed white paper(imp)		
GLOSS AT( 75 Deg.)	%	60+	Fillers mixed paper(imp&Ind.)		
MOISTURE	%AS PER Gsm	6.5-7.5	Fillers mixed paper(imp&Ind.)		
SURFACE PH	6.0-6.5	6.0	Fillers mixed paper(imp&Ind.)		
SMOOTHNESS	ML/MIN	10...15	Fillers mixed paper(imp&Ind.)		
			p/L Layer light printed white paper(imp)		
			B/L un-printed white paper+7/8 gsm coating		



# TULSI PAPER MILL PVT.LTD

## SPECIFICATION SHEET

### PRODUCT- ROYAL LWC GRAYBCK

SUBSTANCE ( GSM)	CALIPER(Micron)	BULK(cc/GSM)	STIFFNESS(TABER) g-cm	MD	CD	RATIO
230	276	1.20		45	18	2.5:1
250	300	1.20		60	24	2.5:1
285	348	1.22		85	35	2.4:1
296	364	1.23		95	40	2.4:1
320	394	1.23		120	50	2.4:1
350	434	1.24		150	63	2.4:1
370	459	1.24		175	76	2.3:1
380	471	1.24		185	84	2.2:1
390	484	1.24		205	93	2.2:1
400	496	1.24		220	100	2.2:1
420	525	1.25		235	107	2.2:1
450	563	1.25		265	120	2.2:1
TOL+ - 3%		+ - 5%		+ - 10%		
PARAMETER	UNIT	VALUE				BOARD CONSTRUCTION
COB TOP&BOT.	gm2	40-50				Top coat-11/12 gsm
PLY BOND	Ft.Lb.in Thousand	80+				surface sized
SOAT	Sec.	150+				Top liner un-printed white paper( imp.)
BRIGHTNESS	%	74+				p/L Layer light printed white paper(imp)
GLOSS AT( 75 Deg.)	%	35-40				Fillers mixed paper(imp&Ind.)
MOISTURE	%	6.0-7.5				Fillers mixed paper(imp&Ind.)
SMOOTHNESS		25-30				Fillers mixed paper(imp&Ind.)
(ROUGHNESS)	MICRON	3.0-3.5				Fillers mixed paper(imp&Ind.)
						Back layer gray pulp surface sized