PRODUCT STAIN GRAY BACK			CDECIEICATION CHEET	N SUCCT	VT.LTC		
CALIPER(MIC) BULK(CC/GSM) STIFFNESS(TABER MIC) 276 1.20 47 19 303 1.21 60 24 303 1.21 60 24 348 1.21 60 24 334 1.23 100 45 434 1.23 100 46 487 1.24 175 46 487 1.24 175 46 487 1.25 230 105 500 1.25 230 105 562 1.25 250 114 562 1.25 300 136 652 1.25 300 136 10NIT VALUE +5% +10% KG/CM2 40-50/50-60 600+ 600+ 8c. 600+ 600+ 600+ 8c. 6c. 6c. 6c. 8AS PER GSm 6c. 6c. 6c. 8c. 6			PRODUCT-	SATIN GF	AY BAC	×	
Z76 1.20 47 19 303 1.21 60 24 303 1.21 60 24 348 1.22 75 31 364 1.23 100 42 394 1.23 100 42 394 1.23 100 42 434 1.24 155 65 487 1.24 175 46 487 1.24 175 46 487 1.25 230 105 500 1.25 230 136 562 1.25 230 136 562 1.25 250 114 600 4.5% 4.0% 136 600 4.0% 4.0% 136 8 6.0% 4.10% 136 8 6.0% 4.10% 136 8 6.0% 6.0% 6.0% 8 6.0 6.0 <t< td=""><td>SUBSTANCE (GSM)</td><td></td><td>BULK(CC/GSM)</td><td>STIFFNES</td><td>S(TABE</td><td>R) g-cm</td><td></td></t<>	SUBSTANCE (GSM)		BULK(CC/GSM)	STIFFNES	S(TABE	R) g-cm	
276 1.20 47 19 303 1.21 60 24 348 1.22 75 31 364 1.23 100 42 394 1.23 100 46 434 1.23 110 46 487 1.24 155 65 487 1.25 210 95 550 1.25 230 105 562 1.25 230 114 562 1.25 300 136 EM2 40-50/50-60 136 KG/CM2 14+ 14+ FT.LB IN THOUSAND 80+ 56- KG/CM2 14+ 15+ KG/CM2 14+ 15+ KG/CM2 14+ 15+ KG/CM2 14+ 15+ KG/CM3 10-50/50-60 10 KG/CM4 56- 600+ 600+ KG/CM5 600+ 60-6-5-7.5 60 KG/CM1 BELOW 15 10				MD	CD	RATIO	
303 1.21 60 24 348 1.22 75 31 364 1.23 100 42 394 1.23 100 42 434 1.23 110 46 434 1.24 155 65 487 1.24 175 46 487 1.25 210 95 500 1.25 230 105 552 1.25 230 105 562 1.25 300 136 600 1.25 300 136 600 1.25 300 136 600 1.25 300 136 600 1.25 300 136 80+ 1.4+ 1.4+ 1.4+ 80+ 80+ 80+ 1.4+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+ 80+ 80+ 80- 80+	230	276	1.20	47	19	2.5:1	
348 1.22 75 31 364 1.23 100 42 394 1.23 100 42 434 1.24 155 65 434 1.24 175 46 487 1.25 210 95 500 1.25 230 105 512 1.25 250 114 562 1.25 300 136 562 1.25 300 136 600 1.25 250 114 600+ 14+ 14+ 14+ 600+ 600+ 600+ 600+ 8 50+ 50+ 80+ 8 50+ 60- 60- 8 50+ 60- 60- 8 50+ 60- 60- 8 60- 60- 60- 60- 8 60- 60- 60- 60- 60- 8 60- 60- 60- 60- 60- 60- 8 60- 60- 60- 60- 60- 60- 60- 8 60- 60- 60- 60- 60- 60- 60- <td>250</td> <td>303</td> <td>1.21</td> <td>09</td> <td>24</td> <td>2.5:1</td> <td></td>	250	303	1.21	09	24	2.5:1	
364 1.23 100 42 394 1.23 110 46 434 1.24 155 65 459 1.24 175 46 487 1.24 175 46 487 1.25 210 95 500 1.25 230 105 562 1.25 250 114 562 1.25 300 136 600 1.25 300 136 600 1.25 300 136 600 1.25 300 136 600 1.25 300 136 600 1.25 300 136 80 1.4+ 1.4+ 1.4+ 600 600 600 600 600 80 50+ 50+ 80 80 50+ 60 80 80 50+ 60 80 80 60 60 60 60 80 60 60 60 60 80 60 60 60 60 80 60 60 60 60 80 60 60 60 <td>285</td> <td>348</td> <td>1.22</td> <td>75</td> <td>31</td> <td>2.4:1</td> <td></td>	285	348	1.22	75	31	2.4:1	
394 1.23 110 46 434 1.24 155 65 459 1.24 175 46 487 1.25 210 95 500 1.25 230 105 512 1.25 250 114 562 1.25 300 136 10NIT VALUE +5% +10% KG/CM2 14+ -10% -10 KG/CM2 14+ -10% -10 FT.LB IN THOUSAND 80+ -10 -10 Sec. 600+ 50+ -10 % 50+ 50+ -10 % 50+ 50+ -10 % 50+ -10 -10 % 50+ -10 -10 % 50+ -10 -10 % 50+ -10 -10 % 50+ -10 -10 % 50+ -10 -10 % 50+ -10 -10 %	296	364	1.23	100	42	2.4:1	
434 1.24 155 65 459 1.24 175 46 487 1.25 210 95 487 1.25 210 95 500 1.25 230 105 512 1.25 250 114 562 1.25 300 136 1.25 300 136 136 600 1.25 300 136 1.25 300 136 146 1.25 300 136 146 1.25 40-50/50-60 4-10% 146 1.26 40-50/50-60 80+ 144 1.26 600+ 50+ 144 1.26 600+ 50+ 144 1.26 600+ 50+ 144 1.27 860 144 144 1.26 600+ 144 144 1.27 80+ 144 144 1.28 80+ 144 144 1.26 80+ 144 144	320	394	1.23	110	46	2.4:1	
459 1.24 175 46 487 1.25 210 95 500 1.25 230 105 500 1.25 230 105 512 1.25 250 114 562 1.25 300 136 125 300 136 136 125 300 136 144 126/CM2 14+ 14+ 14+ 126/CM2 80+ 14+ 14+ 126/CM2 80+ 14+ 14+ 127+ 600+ 15+ 14+ 128 50+ 50+ 14+ 129 6.0-6.5 6.0-6.7.5 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+ 120 80+ 14+ 14+	350	434	1.24	155	9	2.4:1	
487 1.25 210 95 500 1.25 230 105 500 1.25 230 105 562 1.25 250 114 562 1.25 300 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 300 136 136 1.25 40.50/50-60 14+ 14+ 1.26 1.27 14+ 14+ 1.26 1.27 12+ 12+ 1.26 1.26 1.26 12+ 1.26 1.26 1.26 12+ 1.26 1.26 1.26 12+ 1.26 1.26 1.26 12+ 1.27 1.24 12+ 12+	370	459	1.24	175	46	2.3:1	
512 1.25 230 105 512 1.25 250 114 562 1.25 250 114 562 1.25 300 136	390	487	1.25	210	95	2.2:1	
512 1.25 250 114 562 1.25 300 136 + 562 + 10% 136 + 5% + 10% 146 KG/CM2 14+ 80+ KG/CM2 14+ 80+ FT.LB IN THOUSAND 80+ 75+ Sec. 600+ 75+ % 75+ 60+ % 50+ 50+ %AS PER Gsm 6.5-7.5 6.0 ML/MIN BELOW 15 ML/MIN	400	200	1.25	230	105	2.2:1	
562 1.25 300 136 UNIT ± 5% ± 10% gm2 40-50/50-60 600+ KG/CM2 14+ 80+ FT.LB IN THOUSAND 80+ 80+ FT.LB IN THOUSAND 80+ 600+ Sec. 600+ 600+ % 50+ 60+ %AS PER Gsm 6.5-7.5 6.0 ML/MIN BELOW 15 8	410	512	1.25	250	114	2.2:1	
# 5% + 10% +	450	562	1.25	300	136	2.2:1	
#5% ±10% UNIT VALUE gm2 40-50/50-60 KG/CM2 14+ FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ % 50+ % 50+ % 6.0-6.5 6.0 ML/MIN BELOW 15							
UNIT VALUE gm2 40-50/50-60 KG/CM2 14+ FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ KAS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	TOL+ - 3%		+5%	+10%			
gm2 40-50/50-60 KG/CM2 14+ FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ % 50+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 MI/MIN BELOW 15	PARAMRTER	LIND	VALUE			BOA	RD CONSTRUCTION
gm2 40-50/50-60 KG/CM2 14+ FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ % 50+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 MIL/MIN BELOW 15						Top coat	-10 gsm
KG/CM2 14+ FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ % 50+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	COBB TOP&BOT.	gm2	40-50/50-60			Precoat -	.10gsm
FT.LB IN THOUSAND 80+ Sec. 600+ % 75+ % 50+ %AS PER Gsm 6.5-7.5 ML/MIN BELOW 15	Ь	KG/CM2	14+			surface si	ized
Sec. 600+ % 75+ % 50+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	PLY BOND	FT.LB IN THOUSAND				Top liner	un-printed white paper(imp.)
% 75+ % 50+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	SOAT	Sec.	+009			p/L Layer	r light printed white paper(imp)
% S0+ %AS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	BRIGHTNESS	%	75+			Fillers mi	xed paper(imp&Ind.)
%AS PER Gsm 6.5-7.5 6.0-6.5 6.0 ML/MIN BELOW 15	GLOSS AT(75 Deg.)	%	- 20÷			Fillers mi	ixed paper(imp&hd.)
6.0-6.5 6.0 ELOW 15 BELOW 15	MOISTURE	%AS PER Gsm	6.5-7.5			Fillers mi	ixed paper(imp&Ind.)
ML/MIN BELOW 15	SURFACE PH	6.0-6.5	0.9			Fillers mi	ixed paper(imp&Ind.)
Fillers mixed paper(imp&lnd.) Back layer recycled gray pulp surface sized	SMOOTHNESS	ML/ME	BELOW 15			Fillers mi	ixed paper(imp&Ind.)
Back layer recycled gray pulp surface sized			7			Fillers mi	ixed paper(imp&Ind.)
						Back laye	er recycled gray pulp surface sized

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		K	g-cm	RATIO	2.5:1	2.5:1	2.5:1	2.4:1	2.4:1	2.4:1	2.4:1	2.2:1	2.2:1	2.2:1	2.2:1		BOARD CONSTRUCTION	Top coat -9 gsm	Precoat - 9 gsm	surface sized	Top liner un-printed white paper(imp.)	p/L Layer light printed white paper(imp)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ihd.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Back layer recycled gray pulp surface sized
A.E.		RAY BAC	(TABER)	CD	18 2	22 2	32 2	40 2	50 2	63 2	73 2	87 2	95 2	102 2	116 2			To	Pre	sui	To	/d	Fill	Fill	Fil	HI	Fil	Fil	Ba
ER MILL P	N SHEET	EMINM G	STIFFNESS	MD	45	55	80	06	110	140	165	195	210	225	255	+ 10%													
TULSI PAPER MILL PVT.LTD	SPECIFICATION SHEET	PRODUCT- PREMIUM GRAY BACK	BULK(CC/GSM) STIFFNESS(TABER) g-cm		1.20	1.20	1.22	1.23	1.23	1.24	1.24	1.24	1.24	1.25	1.25	%5 +	VALUE		40-50/50-60	14+	*08	550+	75+	45+	6.5-7.5	0.9	15-20		
			CALIPER(MIC)		278	300	348	364	394	434	459	484	496	525	563		5		gm2	KG/CM2	FT.LB IN THOUSAND	Sec.	%	%	%AS PER Gsm	6.0-6.5	ML/MIN		
			SUBSTANCE (GSM)		230	250	285	296	320	350	370	390	400	420	450	TOL+ - 3%	PARAMRTER		COBB TOP&BOT.	B F	PLY BOND	SOAT	BRIGHTNESS	GLOSS AT(75 Deg.)	MOISTURE	SURFACE PH	SMOOTHNESS		

																	BOARD CONSTRUCTION	Top coat (BLADE)-9/10 gsm	Precoat - 9/10 gsm	ized	Top liner un-printed white paper(imp.)	p/L Layer light printed white paper(imp)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	p/L Layer light printed white paper(imp)	B/L un-printed white paper+7/8 gsm coating
		HWC)	1	RATIO	2.4:1	2.4:1	2.4:1	2.3:1	2.3:1	2.3:1	2.2:1	2.2:1	2.2:1	2.2:1	2.2:1		BOARD	Top coat	Precoat	surface sized	Top liner	p/L Layer	Fillers mi	Fillers mi	Fillers mi	Fillers mi	p/L Layer	B/L un-pr
W.E.T.	Ē	3ACK (ABER) g-cn	CD	21	31	37	46	31	70	77	82	87	100	109													
ER MILL F	SPECIFICATION SHEET	N WHITE I	STIFFNESS(TA	MD	50	75	06	105	140	160	170	180	. 195	220	240	+ 10%												
TULSI PAPER MILL PVT.LTD	SPECIF	PRODUCT- SATIN WHITE BACK (HWC)	BULK(CC/GSM STIFFNESS(TABER) g-cm		1.15	1.15	1.15	1.15	1.15	1.18	1.18	1.18	1.18	1.18	1.18	+ 5%	VALUE	40-50/50-60	14+	80+	500÷	76+	+09	6.5-7.5	0.9	1015		
		PRC	CALIPER(MIC)		288	336	349	384	403	444	448	460	472	496	531		LIND	gm2	KG/CM2	FT.LB.IN THOUSAND	Sec.	%	%	%AS PER Gsm	6.0-6.5	Z Z		
			SUBSTANCE (GSM)		250	285	296	320	350	370	380	390	400	420	450	TOL+ - 3%	PARAMRTER	COBB TOP & BOT.	48	PLY BOND	SOAT	BRIGHTNESS	GLOSS AT(75 Deg.)	MOISTURE	SURFACE PH	SMOOTHNESS		

TULSI PAPER MILL PVT.LTD	ON SHEET	PRODUCT- ROYAL LWC GRAYBCK	BULK(CC/GSM STIFFNESS(TABER) g-cm	MD CD RATIO	45 18 2.5:1	60 24 2.5:1	85 35 2.4:1	95 40 2.4:1	120 50 2.4:1	150 63 2.4:1	175 76 2.3:1	185 84 2.2:1	205 93 2.2:1	220 100 2.2:1	235 107 2.2:1	265 120 2.2:1	+-10%	BOARD CONSTRUCTION	Top coat-11/12 gsm	surface sized	Top liner un-printed white paper (imp.)	p/L Layer light printed white paper(imp)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&Ind.)	Fillers mixed paper(imp&lnd.)
PAPER MI	SPECIFICATION SHEET	DUCT-ROY	BULK(CC/GSM		1.20	1.20	1.22	1.23	1.23	1.24	1.24	1.24	1.24	1.24	1.25	1.25	+- 5%	VALUE	40-50	+08	150+	74+	35-40	6.0-7.5	25-30	3.0-3.5	
TULSI	8	PRC	CALIPER(Micron)		276	300	348	364	394	434	459	471	484	496	525	563		E	gm2	Ft.Lb.in Thousand	Sec.	%	%	%		MICRON	
			SUBSTANCE (GSM)		230	250	285	296	320	350	370	380	390	400	420	450	TOL+ - 3%	PARAMRTER	COB TOP&BOT.	PLY BOND	SOAT	BRIGHTNESS	GLOSS AT(75 Deg.)	MOISTURE	SMOOTHNESS	(ROUGHNESS)	