



GODAVARI PULP & PAPER MILLS PVT. LTD.

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CIN: U21010MH1994PTC082709

PAPER MACHINE NO. 1 Deckle 2150 MM, GSM : 85 to 150

PAPER MACHINE NO. 2 Deckle 3650 MM, GSM : 100 to 180

Specification of the all type of quality of paper (Natural Shade and Golden Yellow Shade M.F. Kraft Paper)

Test Conditioning Atmosphere :- Temperature - 27 °C ± 1° , Relative humidity - 65% ± 2 %

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		Ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(J) Ft.lb	Kgf
85	22+	85 - 90	22 - 24	5.5-6.5	35 - 40	1.4 - 1.5	5-8.5	50 - 55	50 - 50	8 - 10	10 - 12	1.5 - 1.8	2.5 - 2.8	8 - 10	9 - 11	200-210	6 - 9

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		Ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(J) Ft.lb	Kgf
100	18+	95 - 105	18 - 20	5.5-6.5	35 - 40	1.4 - 1.5	5-8.5	55 - 65	45 - 50	11 - 15	20 - 25	1.5 - 1.8	2.5 - 2.8	10 - 12	12 - 14	170-180	8 - 10
	20+	95 - 105	20 - 22	5.5-6.5	35 - 40	1.4 - 1.5	5-8.5	65 - 75	55 - 65	12 - 14	25 - 28	1.8 - 2.0	2.8 - 3.5	11 - 14	14 - 17	170-180	10 - 14

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(Ft.lb. in Thousandth)	Kgf
110	16+	105-115	16 - 18	5.5-6.5	35 - 45	1.4 - 1.5	6 - 8.5	60 - 65	50 - 60	17 - 23	19 - 34	2.0 - 3.0	3.5 - 5.0	10 - 12	11 - 13	180-200	7 -12
	18+	105-115	18 - 20	5.5-6.5	35 - 45	1.4 - 1.5	6 - 8.5	65 - 70	55 - 65	19 - 24	21 - 36	2.5 - 3.5	4.0 - 5.5	12 - 14	13 - 15	180-200	9 -14
	20+	105-115	20 - 22	5.5-6.5	35 - 40	1.4 - 1.5	6 - 8.5	70 - 75	60 - 70	21 - 25	23 - 38	3.0 - 4.0	4.5 - 6.0	14 - 16	15 - 18	180-200	11 -16

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(Ft.lb. in Thousandth)	Kgf
120	16+	114 - 126	16 - 18	5.5-6.5	35 - 45	1.4 - 1.5	6 - 8.5	60 - 65	50 - 60	17 - 23	19 - 34	2.0 - 3.0	3.5 - 5.0	12 - 14	15 - 16	180-200	7 -12
	18+	114 - 126	18 - 20	5.5-6.5	35 - 45	1.4 - 1.5	6 - 8.5	65 - 70	55 - 65	19 - 24	21 - 36	2.5 - 3.5	4.0 - 5.5	14 - 16	16 - 17	180-200	9 -14
	20+	114 - 126	20 - 22	5.5-6.5	35 - 40	1.4 - 1.5	6 - 8.5	70 - 75	60 - 70	21 - 25	23 - 38	3.0 - 4.0	4.5 - 6.0	15 - 17	17 - 18	180-200	11 -16
	22+	114 - 126	22 - 24	5.5-6.5	35 - 40	1.4 - 1.5	6 - 8.5	75 - 80	65 - 75	23 - 26	25 - 40	3.5 - 4.5	5.0 - 6.5	16 - 18	18 - 19	180-200	11 -16

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(Ft.lb. in Thousandth)	Kgf
140	16+	133 - 147	16 - 18	5.5 - 6.5	35 - 45	1.4 - 1.5	6 - 8.5	65 - 70	55 - 65	19 - 25	21 - 36	2.5 - 3.5	4.0 - 5.5	15 - 17	18 - 20	160-180	8 - 14
	18+	133 - 147	18 - 20	5.5 - 6.5	35 - 40	1.4 - 1.5	6 - 8.5	70 - 75	60 - 70	21 - 27	23 - 38	3.0 - 4.0	4.5 - 6.0	17 - 20	20 - 22	165-185	10 - 16
	20+	133 - 147	20 - 22	5.5 - 6.5	35 - 40	1.4 - 1.5	6 - 8.5	75 - 80	65 - 75	23 - 29	25 - 40	3.5 - 4.5	5.0 - 6.5	20 - 22	22 - 24	160-185	12 - 18
	22+	133 - 147	22 - 24	5.5 - 6.5	35 - 40	1.4 - 1.5	6 - 8.5	80 - 85	70 - 80	25 - 31	27 - 42	4.0 - 5.0	5.5 - 7.0	23 - 26	24 - 26	160-185	12 - 18

Quality of Paper		GSM Range '+/- 5%	BF Range	Moisture %	Cobb gm/m2	Bulk cm3/gm	Ash%	Tear factor		Folding Endurance		SCT KN/m		RCT Kgf		ply Bond	C.M.T.
GSM	BF							CD N	MD N	CD No.	MD No.	CD	MD	CD	MD	(Ft.lb. in Thousandth)	Kgf
180	16+	171 - 189	16 - 18+	6.0 - 6.5	35 - 40	1.45- 1.55	7 - 8.5	70 - 75	60 - 70	21 - 27	23 - 38	3.0 - 4.0	4.5 - 6.0	25 - 27	35 - 42	140-160	9 - 16
	18+	171 - 189	18 - 19+	6.0 - 6.5	35 - 40	1.45 - 1.55	7 - 8.5	75 - 80	65 - 75	23 - 29	25 - 40	3.5 - 4.5	5.0 - 6.5	30 - 32	37 - 44	145-165	11 - 18
	20+	171 - 189	20 - 21+	6.0 - 6.5	35 - 40	1.45 - 1.55	7 - 8.5	80 - 85	70 - 80	25 - 31	27 - 42	4.0 - 5.0	5.5 - 7.0	32 - 34	39 - 46	150-170	13 - 20
	22+	171 - 189	22 - 23+	6.0 - 6.5	35 - 40	1.45 - 1.55	7 - 8.5	85 - 90	85 - 95	27 - 33	29 - 44	4.5 - 5.5	6.0 - 7.5	34 - 36	41 - 48	150-170	13 - 20