



KHATEMA FIBERS LIMITED
AN ISO 9001-2000 CERTIFIED COMPANY

A moglix Company



Paper Products for Building a Self-Reliant India



An ISO 9001: 2015 & 9001: 2000 certified company
<https://www.khatemafibres.com/>

Table of Contents

Sl. No	Contents	Page No.
1	About Us	3
2	PM-1	4
3	Uncoated Board (Cup Stock)	5
4	Uncoated Board (Wedding Card)	6
5	MF Kraft	7
6	MF Bleach Kraft	8
7	Green Board	9
8	Uncoated White Kraft Liner	10
9	Insulation Board	11
10	PM-2 & 3	13
11	MG Poster Paper	14
12	MG Kraft Grade 2 (25 BF)	15
13	MG Kraft 20 BF	16
14	MG Kraft (HS) 30 BF	17
15	MG Kraft for E-Commerce (40 BF)	18
16	MG Color Tissue All Shades	19
17	Dip Dyed Color Paper (All Colors)	20
18	MG Tissue/Paper Premium	21
19	MG Paper STD	22
20	MG Bleached Kraft	23
21	MG Poster- base for Sublimation	24
22	Kitchen Towel HWS	25
23	Insulating Kraft	26
24	Steel Mill Kraft	27

About Us

Khatema Fibres Limited, a Moglix company since 2024, is India's leading paper products manufacturer. Founded in 1990 at the UPSIDC Industrial Area, Khatema, Uttarakhand, the company has three machines with a combined capacity of 72,000 MT per annum and manufactures eco-friendly food-grade certified paper products.



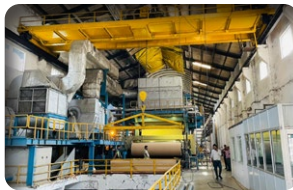
Our Manufacturing Facility at Khatima, Uttarakhand

Our Machines



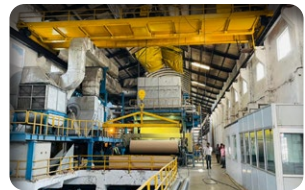
PM-1

- GSM Range 80-450
- Deckle 2350 mm
- Products: MF Papers, Cup Stock & Wedding Cards, MF Bleach Kraft, Uncoated WKL, Insulation Board



PM-2

- GSM Range 18-100
- Deckle 3350 mm
- Products: MG Papers, Bleached & Unbleached Papers, Sublimation base paper, Crepe towel tissue, Mg colour Tissue, Dip Dye Base



PM-3

- GSM Range 18-100
- Deckle 3800 mm
- Products: MG Kraft Grade-2, MG Kraft (HS), MG Kraft for E-Commerce, MG Papers, Tissue, Insulating Kraft, Steel Mill Kraft



PM-1 Product Categories

SKU	GSM Range
Uncoated Board (Cup Stock)	135 - 160
Uncoated Board (Wedding Card)	90 - 150
MF Bleached Kraft	80 - 120
Green Board	120 - 350
MF Kraft	80 - 150
Uncoated WKL	150 -180
Insulation Board	5.0 Mil – 15.0 MIL

Uncoated Board (Cup Stock) - Technical Data Sheet

Particulars	Units	135 GSM	140 GSM	160 GSM	Test Method
Basis Weight	GSM	135	140	160	Tappi 410 om-08
Thickness	mm	170	175	200	Tappi 411 om-97
Bulk	cc/gm	1.26	1.25	1.25	Tappi 411 om-97
Burst Factor		26	26	26	Tappi 403 om-88
Tear Factor MD/CD		60/80	60/80	70/90	Tappi 414 om-49
Breaking Length MD/CD	Meter	5500/2500	5500/2500	5500/2500	Tappi 404 om-92
Brightness	% (ISO)	85 MIN	85 MIN	85 MIN	Tappi 452 om-18
Smoothness Top	ML	250	250	250	Tappi 555
Bottom	ML	350	350	350	Tappi 555
Stiffness MD/CD	Taber	25/20 MIN	25/20 MIN	30/25 MIN	Tappi 489
Edge-wick Value	KG/m2	1.0 Max	1.0 Max	1.0 Max	Tappi 441
Cobb Top / Bottom	g/m2	24/25 Max	24/25 Max	25/26 Max	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +-1 & 50% +- 5 (RH)
- Tolerance limit +-5%



Uncoated Board (Wedding Card) – Technical Data Sheet

Particulars		Units	90 GSM	135 GSM	140 GSM	150 GSM	Test Method
Basis Weight		GSM	90	135	140	150	Tappi 410 om-08
Thickness		Micron	121	181	188	200	Tappi 411 om-97
Bulk		CC/ Gram	1.34	1.34	1.34	1.33	Tappi 411 om-97
Burst Factor			28	28	28	28	Tappi 403 om-88
Brightness		% (ISO)	85	85	85	85	Tappi 452 om-18
Tear Factor	MD/CD		60/75	65/75	70/80	70/80	Tappi 414 om-49
Smoothness Top	ML		140-160	140-160	140-160	140-160	Tappi 555
Bottom			150-180	180-200	180-200	180-200	
Breaking Length	MD/CD	Meter	5200/2400	5800/2300	5800/2300	5600/2200	Tappi 404 om-92
Stiffness	MD/CD	Taber	20/15	22.5/20	22.5/20	25/20	Tappi 489
Ply Bond		KJ/M2	220	210	210	200	Tappi T 569
Cobb Top/Bottom		g/m2	24/25	24/25	24/25	24/26	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +-1 & 50% +- 5 (RH)
- Tolerance limit +-5%



M.F. Kraft – Technical Data Sheet

Particulars	Units	80 GSM	90 GSM	100 GSM	110 GSM	120 GSM	150 GSM	Test Method
Basis Weight	GSM	80	90	100	110	120	150	Tappi 410 om - 08
Thickness	Micron	112	125	138	150	165	200	Tappi 411 om - 97
Bulk	cc/gm	1.40	1.39	1.38	1.36	1.38	1.33	Tappi 411 om - 97
Burst Factor		30	30	30	30	30	30	Tappi 403 om-88
Tear Factor MD/CD		75/85	75/90	75/90	80/110	85/120	90/125	Tappi 414 om-49
Breaking Length MD/CD	Meter	6000/2500	5500/2300	5000/2200	5000/2200	5000/2000	5200/2200	Tappi 404 om-92
T.E.A.	J/M2	120/70	125/80	135/85	140/95	160/110	160/110	Tappi 555
Cobb	g/m2	30	30	30	30	30	30	Tappi 441 om -09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit ±5%



MF Bleach Kraft – Technical Data Sheet

Particulars	Units	80 GSM	90 GSM	100 GSM	110 GSM	120 GSM	Test Method
Basis Weight	GSM	80	90	100	110	120	Tappi 410 om - 08
Thickness	Micron	108	120	132	145	158	Tappi 411 om - 97
Bulk	cc/gm	1.35	1.33	1.32	1.32	1.32	Tappi 411 om - 97
Burst Factor		30	30	30	30	30	Tappi 403 om-88
Tear Factor MD/CD		80/100	85/110	85/120	95/125	95/125	Tappi 414 om-49
Breaking Length MD/CD	Meter	6000/ 2500	5800/ 2200	5700/ 2000	5500/ 1850	5500/ 1800	Tappi 404 om-92
Porosity	ml/mint	250	220	200	150	130	Tappi 555
Brightness	% ISO	85	85	85	85	85	Tappi 452 om – 18
Cobb	g/m2	25	25	25	25	25	Tappi 441 om -09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +5%



Green Board – Technical Data Sheet

Particulars	Units	200 GSM	250 GSM	260 GSM	290 GSM	300 GSM	350 GSM	Test Method
Basis Weight	GSM	200	250	260	290	300	350	Tappi 410 om - 08
Thickness	micron	290	365	375	400	420	490	Tappi 411 om-97
Bulk	cc/gm	1.45	1.46	1.44	1.38	1.40	1.40	Tappi 411 om-97
Burst Factor		28	26	26	24	24	24	Tappi 403 om-88
Tear Factor MD/CD		85/110	85/110	90/115	110/140	110/140	110/140	Tappi 414 om-49
Tensile Strength MD/CD	Kgf/15mm	15.50/9.50	18.0/11.0	20.0/12.0	20.0/12.0	20.0/12.0	21.0/13.0	Tappi 404 om-92
Breaking Length MD/CD	Meter	5150/3200	5000/3000	5000/3000	4500/2750	4400/2600	4000/2450	Tappi 404 om-92
Smoothness Top	ML	100-200	100-200	100-200	100-200	100-200	100-200	Tappi 555
Bottom		200-350	200-350	200-350	200-350	200-350	200-350	Tappi 555
Stiffness MD/CD	Taber	90/60	135/90	150/100	200/125	200/125	200/125	Tappi 489
Edge Wick Value	Kg/m2	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	1.0 Max	Tappi 441
Cobb	g/m2	22/25	22/25	22/25	22/25	22/25	22/25	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +-5%



Uncoated WKL (White Kraft Liner) – Technical Data Sheet

Particulars	Units	135 GSM	140 GSM	160 GSM	Test Method
Basis Weight	GSM	150	170	180	Tappi 410 om-08
Thickness	Micron	170	190	215	Tappi 411 om-97
Bulk	cc/gm	1.1	1.1	1.2	Tappi 411 om-97
Burst Factor		30	30	30	Tappi 403 om-88
Tear Factor MD/CD		75/90	90/105	100/115	Tappi 414 om-49
Tensile Strength MD/CD	Kgf/15mm	12.0/5.0	14.0/6.0	16.0/8.0	Tappi 404 om-92
Breaking Length MD/CD	Meter	5200/2200	5500/2500	6000/3000	Tappi 404 om-92
Elongation	mm	5.0/7.0	5.0/7.0	6.0/11.0	Tappi 404 om-92
T E A	J/M2	310/260	330/285	500/450	Tappi 460 om-11
Stiffness MD/CD	Tabber	35/25	40/30	45/35	Tappi 489
Smoothness Top	ml/min	70-100	70-100	70-100	Tappi 555
Bottom		100-180	100-180	100-180	Tappi 555
Cobb	g/m2	20	20	30	Tappi 441 om-09
Brightness %	ISO	75	75	75	Tappi 452 om – 18

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +-5%



Insulation Kraft Board (Black, Green, Undyed)

Technical Data Sheet

Particulars	Units	5.0 Mil	7.0 Mil	10.0 Mil	15.0 Mil	Test Method
Basis Weight	GSM	155	225	295	350	Tappi 410 om - 08
Thickness	micron	175	250	330	395	Tappi 411 om-97
Burst Factor		30	30	28	27	Tappi 403 om-88
Tear Factor MD/CD		80/110	95/125	110/135	120/150	Tappi 414 om-49
Tensile Strength MD/CD	Kgf/15mm	14.00/ 5.50	15.75/ 8.00	18.00/ 9.00	20.00/ 10.50	Tappi 404 om-92
Breaking Length MD/CD	Meter	6200/ 2300	4600/ 2450	4000/ 2100	3800/ 2000	Tappi 404 om-92
Smoothness Top	ML	140-180	140-180	140-180	150-200	Tappi 555
Bottom		200-250	200-250	200-280	200-300	Tappi 555
Stiffness MD/CD	Taber	35/60	45/70	60/95	75/105	Tappi 489
BDV	KV	1.2	1.2	1.5	1.5	Tappi 489
Cobb	g/m ²	23/25	23/25	23/25	23/25	Tappi 441 om-09
Cobb	g/m ²	20	20	30		Tappi 441 om-09
Brightness %	ISO	75	75	75		Tappi 452 om - 18

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit ±5%





PM-2 & PM-3 Product Categories

SKU	GSM Range
MG Poster Paper	30 - 100
MG Kraft Grade 2	35 - 100
MG Kraft-20 BF	50-80
MG Kraft (HS) 30 BF	60, 70
MG Kraft for E-commerce-40 BF	70
Dip Dyed Color Paper (All Colors)	18 – 28
MG Tissue/Paper Premium	18 - 28
MG Paper STD	40 - 80
MG Bleached Kraft	30 - 80
MG Poster paper-Base for Sublimation	30, 35, 38
MG Colour Tissue All shades	18
Kitchen Towel HWS	25 - 45
MG Tissue (All Colors)	17 - 25
Insulating Kraft	30 – 100 (1.5 Mil – 5.0 Mil)
Steel Mill Kraft	30 - 50

MG Poster Paper – Technical Data Sheet

Particulars	Units	30 GSM	40 GSM	50 GSM	60 GSM	70 GSM	80 GSM	90 GSM	100 GSM	Test Method
Basis Weight	GSM	30	40	50	60	70	80	90	100	Tappi 410 om-08
Thickness	Micron	44	58	72	85	98	112	125	140	Tappi 411 om-97
Bulk	cc/gm	1.47	1.45	1.44	1.42	1.4	1.4	1.39	1.4	Tappi 411 om-97
Burst Factor		25	25	25	25	25	25	25	25	Tappi 403 om-88
Tear Factor MD/CD		60/79	60/80	60/80	70/90	70/80	70/80	80/100	90/110	Tappi 414 om-49
Breaking Length MD/CD	Meter	3500/2200	3500/2200	3700/2400	3700/2400	3800/2500	3800/2500	3500/2500	3500/2500	Tappi 404 om-92
Brightness	% (ISO)	85	85	85	85	85	85	85	85	Tappi 452 om-18
Porosity	Sec/100ml	25 MIN	30 MIN	55 MIN	60 MIN	75 MIN	75 MIN	75 MIN	75 MIN	Tappi 460 om-11
Cobb	g/m2	20	20	20	20	20	20	20	20	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% ± 5 (RH)
- Tolerance limit +5%



MG Kraft Paper Grade 2 (25 BF) - Technical Data Sheet

Particulars	Units	35 GSM	50 GSM	60 GSM	70 GSM	80 GSM	90 GSM	100 GSM	Test Method
Basis Weight	GSM	35	50	60	70	80	90	100	Tappi 410 om-08
Thickness	Micron	48	80	85	98	110	130	135	Tappi 411 om-97
Bulk	cc/gm	1.39	1.5	1.4	1.4	1.4	1.4	1.35	Tappi 411 om-97
Burst Factor		25	25	25	23	23	23	20	Tappi 403 om-88
Tear Factor MD/CD		55/70	70/90	70/90	80/100	80/110	90/120	90/120	Tappi 414 om-49
Elongation MD	mm	1.5	1.5 MIN	1.5 MIN	1.5 MIN	1.5 MIN	1.5 MIN	1.5 MIN	Tappi 404 om-92
Tensile Strength MD/CD	Nm/15mm	1.92/1.10	2.95/1.95	3.45/2.15	3.90/2.45	4.40/2.95	4.90/3.15	5.40/3.45	Tappi 404 om-92
Breaking Length MD/CD	Meter	3710/2125	3800/2600	3800/2500	3700/2400	3600/2400	3500/2400	3500/2400	Tappi 404 om-92
Cobb	g/m ²	25	25	25	25	25	25	25	Tappi 441 om-09
Moisture	%	6.0 ± 0.5	6.5 ± 0.5	6.5 ± 0.5	6.5	7.0 ± 0.5	7.0 ± 0.5	7.0 ± 0.5	Tappi 412 om-16

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% + 5 (RH)
- Tolerance limit +5%



MG Kraft Paper (20 BF) – Technical Data Sheet

Particulars	Units	5.0 Mil	7.0 Mil	10.0 Mil	15.0 Mil	Test Method
Basis Weight	GSM	50	60	70	80	Tappi 410 om-08
Thickness	Micron	70	80	95	105	Tappi 411 om-97
Bulk	cc/gm	1.40	1.35	1.35	1.30	Tappi 411 om-97
Burst Factor		20	20	20	18	Tappi 403 om-88
Tear Factor MD/CD		50/60	55/70	60/70	65/75	Tappi 414 om-49
Elongation MD	mm	1.5 MIN	1.5 MIN	1.5 MIN	1.5 MIN	Tappi 404 om-92
Tensile Strength MD/CD	Nm/ 15mm	2.20/ 1.50	2.70/ 1.80	3.10/ 2.00	3.65/ 2.20	Tappi 404 om-92
Breaking Length MD/CD	Meter	3000/ 2000	3100/ 2050	3000/ 1900	3000/ 1800	Tappi 404 om-92
Cobb	g/m ²	25	25	25	25	Tappi 441 om-09
Moisture	%	6.5 ± 0.5	6.5 ± 0.5	6.5 ± 0.5	7.0 ± 0.5	Tappi 412 om-16

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit +5%



MG Kraft Paper (HS), 30 BF – Technical Data Sheet

Particulars	Units	25 GSM	30 GSM	35 GSM
Basis Weight	GSM	60	70	Tappi 410 om-08
Thickness	Micron	80	95	Tappi 411 om-97
Bulk	cc/gm	1.35	1.35	Tappi 411 om-97
Burst Factor		30	30	Tappi 403 om-88
Tear Factor MD/CD		70/85	80/100	Tappi 414 om-49
Tensile Strength MD/CD	Nm/15mm	3.80/2.25	4.50/2.60	Tappi 404 om-92
Breaking Length MD/CD	Meter	4200/2500	4200/2500	Tappi 404 om-92
Cobb	g/m ²	25	25	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +-5%



MG Kraft Paper E-Commerce-40 BF – Technical Data Sheet

Particulars	Units	70 GSM	Test Method
Basis Weight	GSM	70	Tappi 410 om-08
Thickness	Micron	95	Tappi 411 om-97
Bulk	cc/gm	1.35	Tappi 411 om-97
Burst Factor		40	Tappi 403 om-88
Tear Factor MD/CD		85/110	Tappi 414 om-49
Tensile Strength MD/CD	Nm/15mm	4.80/3.00	Tappi 404 om-92
Breaking Length MD/CD	Meter	4600/2800	Tappi 404 om-92
Cobb	g/m2	25	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +-5%



MG Color Tissue All Shades - Technical Data Sheet

Particulars	Units	All Shade	Light Shade (Yellow, Sky Blue, Rose, Dhani)	Dark Shade (Voilet, Green, Red, Black, Pink, Chocolate, Blue)	All Shade
		18 GSM	25 GSM	25 GSM	28 GSM
Basis Weight	GSM	18 GSM	26.0	26.0	27.5
Thickness	Micron	27.0	39	37	42
Bulk	cc/gm	1.50	1.50	1.42	1.53
Burst Factor		24.0	26.0	26.5	27.0
Tear Factor MD/ CD		42/50	58/74	60/72	62/78
Tensile Strength MD/CD		1.00/ 0.55	1.45/ 0.82	1.54/ 0.90	1.48/ 0.80
Breaking Length MD/CD	Meter	3700/ 2000	3850/ 2100	3945/ 2300	3585/ 1940
Stretch	%	1.10/1.10	1.10/1.10	1.10/1.10	1.10/1.10
Porosity	Sec/ 100 ml	5.5	15.0	15.0	25.0
Wet Strength MD/CD	%	18.0/15.0	19.20/15.80	18.15/17.70	16.20/13.70

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% + 5 (RH)
- Tolerance limit +5%



MG Tissue/Paper Premium – Technical Data Sheet

Particulars	Units	18 GSM	20 GSM	22 GSM	24 GSM	28 GSM	Test Method
Basis Weight	GSM	18	20	22	24	28	Tappi 410 om-08
Thickness	mm	28	31	34	37	43	Tappi 411 om-97
Bulk	cc/gm	1.56	1.55	1.55	1.54	1.54	Tappi 411 om-97
Tear Factor MD/CD		60/70	60/70	70/90	70/90	70/91	Tappi 414 om-49
Breaking Length MD/CD	Meter	2800/ 1800	2800/ 1800	3200/ 2000	3200/ 2200	3200/ 2200	Tappi 404 om-92
Brightness	% (ISO)	85	85	85	85	85	Tappi 452 om-18
Porosity	Sec/ 100ml	5	7	10	10	15	Tappi 460 om-11
Cobb	g/m2	20	20	20	20	20	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +-1 & 50% +- 5 (RH)
- Tolerance limit +-5%



MG Paper (STD) – Technical Data Sheet

Particulars	Units	40 GSM	50 GSM	60 GSM	80 GSM	Test Method
Basis Weight	GSM	40	50	60	80	Tappi 410 om-08
Thickness	Micron	58	72	86	112	Tappi 411 om-97
Bulk	cc/gm	1.45	1.44	1.43	1.40	Tappi 411 om-97
Burst Factor		25	25	24	22	Tappi 403 om-88
Tear Factor MD/CD		55/70	60/75	70/85	80/95	Tappi 414 om-49
Breaking Length MD/CD	Meter	3500/ 2200	3700/ 2400	3700/ 2400	3800/ 2200	Tappi 404 om-92
Brightness	% (ISO)	75.0	75.0	75.0	75.0	Tappi 452 om-18
Porosity	Sec/ 100ml	40.0	55.0	60.0	60.0	Tappi 460 om-11
Cobb	g/m2	22	22	22	22	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +-1 & 50% +- 5 (RH)
- Tolerance limit +-5%



MG Bleached Kraft – Technical Data Sheet

Particulars	Units	30 GSM	40 GSM	60 GSM	70 GSM	80 GSM	Test Method
Basis Weight	GSM	30	40	60	70	80	Tappi 410 om-08
Thickness	Micron	41	54	81	96	108	Tappi 411 om-97
Bulk	cc/gm	1.37	1.35	1.35	1.37	1.35	Tappi 411 om-97
Burst Factor		28 ± 2	28 ± 2	28 ± 2	28 ± 2	26 ± 2	Tappi 403 om-88
Tear Factor MD/CD		60/80	60/80	70/85	70/90	70/90	Tappi 414 om-49
Breaking Length MD/CD	Meter	4000/ 2500	4200/ 2700	4200/ 2800	4000/ 2500	4000/ 2400	Tappi 404 om-92
Brightness	% (ISO)	85 MIN	85 MIN	85 MIN	85 MIN	85 MIN	Tappi 452 om-18
Porosity	Sec/ 100ml	100 MIN	100 MIN	100 MIN	100 MIN	100 MIN	Tappi 460 om-11
Cobb	g/m2	22	22	22	22	22	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit ±5%



MG Poster Paper (Base for Sublimation) – Technical Data Sheet

Particulars	Units	30 GSM	35 GSM	38 GSM	Test Method
Basis Weight	GSM	30	35	38	Tappi 410 om-08
Thickness	Micron	42	50	55	Tappi 411 om-97
Bulk	cc/gm	1.40	1.40	1.35	Tappi 411 om-97
Burst Factor		28 ± 2	28 ± 2	28 ± 2	Tappi 403 om-88
Tear Factor MD/CD		55/70	60/75	65/80	Tappi 414 om-49
Breaking Length MD/CD	Meter	4000/ 2500	4200/ 2700	4200/ 2800	Tappi 404 om-92
Brightness	% (ISO)	80 ± 2	80 ± 2	80 ± 2	Tappi 452 om-18
Porosity	Sec/100ml	50 ± 2	50 ± 2	75 ± 2	Tappi 460 om-11
Cobb	g/m ²	20	20	20	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit ±5%



MG Color Tissue Paper All shades (18 GSM) - Technical Data Sheet

Particulars	Units	Light Shade (Yellow, Sky Blue, Orange, Coolmint, Lime Green)	Dark Shade (Voilet, Green, Red, Black, Pink, Chocolate, Dark Blue)	Test Method
Basis Weight	Micron	18	18	Tappi 410 om-08
Thickness	cc/gm	27	27	Tappi 411 om-97
Bulk		1.50	1.50	Tappi 411 om-97
Burst Factor		22.0 ± 2	24.0 ± 2	Tappi 403 om-88
Tear Factor MD/CD		45/55	55/65	Tappi 414 om-49
Tensile Strength MD/CD	Meter	0.80/0.55	0.95/0.60	Tappi 404 om-92
Breaking Length MD/CD	%	2850/2000	3500/2250	Tappi 404 om-92
Stretch	Sec/ 100 ml	1.10/1.10	1.10/1.10	Tappi 404 om-92
Porosity	%	7.0 ± 2	10.0 ± 3	Tappi 460 om-11
Cobb		20	20	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C ±1 & 50% ± 5 (RH)
- Tolerance limit ±5%



Kitchen Towel HWS – Technical Data Sheet

Particulars	Units	25 GSM	30 GSM	35 GSM	40 GSM	42 GSM	45 GSM	Test Method
Basis Weight	GSM	25.5	30.5	35	40	42	45	Tappi 410 om-08
Thickness	Micron	65	77	85	97	105	115	Tappi 411 om-97
Bulk	cc/gm	2.4	2.5	2.43	2.43	2.5	2.56	Tappi 411 om-97
Brightness ISO	%	85	85	85	85	85	85	Tappi 452 om-18
Dry Breaking Length MD/CD	Meter	1500/ 1200	1550/ 1250	1800/ 1450	1850/ 1450	1900/ 1500	1900/ 1500	Tappi 404 om-92
Stretch	%	12.0/1.50	12.0/1.50	13.5/2.0	13.5/2.5	13.5/2.5	13.5/2.5	Tappi 404 om-92
Wet Breaking length MD/CD	meter	500/300	525/350	530/380	555/400	570/425	580/425	Tappi 404 om-92
Wet Strength MD/CD	%	33.3/25.0	33.87/28.0	30.0/26.2	30.0/27.5	30.0/28.3	30.5/28.3	Tappi 404 om-92

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% + 5 (RH)
- Tolerance limit +5%



Insulating Kraft – Technical Data Sheet

Particulars	Units	1.5 MIL	2.0 MIL	2.5 MIL	3.0 MIL	4.0 Mil	5.0 Mil	Test Method
Basis Weight	GSM	31.0	42.0	52.0	62.0	82.0	102.0	Tappi 410 om-08
Thickness	Micron	39	54	66	79	105	130	Tappi 411 om-97
Bulk	cc/gm	1.26	1.29	1.27	1.27	1.28	1.27	Tappi 411 om-97
Burst Factor		30.0	35.0	35.0	35.0	32.0	30.0	Tappi 403 om-88
Tear Factor MD/CD		56/64	65/75	75/95	65/85	85/100	100/110	Tappi 414 om-49
Breaking Length MD/CD	Meter	5050/ 2400	5550/ 3550	5850/ 3200	5500/ 2800	5200/ 2650	5100/ 2550	Tappi 404 om-92
Stretch	%	1.10/1.10	1.10/1.10	1.10/1.10	1.10/1.10	1.10/1.10	1.10/1.10	Tappi 404 om-92
Porosity	sec/ 100 ml	250	300	300	250	250	200	Tappi 460 om-11
BDV	KV	1.2	1.2	1.2	1.2	1.2	1.2	Tappi 489
Cobb	g/m2	50	50	50	50	50	50	Tappi 441 om-09

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% +- 5 (RH)
- Tolerance limit +-5%



Steel Mill Kraft – Technical Data Sheet

Particulars	Units	42 GSM	45 GSM	Test Method
Basis Weight	GSM	42.0	45.0	Tappi 410 om-08
Thickness	Micron	56	60	Tappi 411 om-97
Bulk	cc/gm	1.33	1.33	Tappi 411 om-97
Burst Factor		45.0 ± 2	42.0 ± 2	Tappi 403 om-88
Tear Factor MD/CD		85/100	85/110	Tappi 414 om-49
Tensile Strength MD/CD	Kgf/15mm	4.50/2.55	4.70/2.60	Tappi 404 om-92
Breaking Length MD/CD	Meter	7150/4000	7000/3850	Tappi 404 om-92
Stretch	%	1.10/1.10	1.10/1.10	Tappi 404 om-92
Porosity	sec/100 ml	250 ± 10	250 ± 2	Tappi 460 om-11
Cobb	g/m ²	60	60	Tappi 441 om-09
pH		5.5	5.5	Tappi 529 om-21

Note:

- All testing procedures are as per Tappi standards
- Testing at 25°C +1 & 50% + 5 (RH)
- Tolerance limit +5%



Our Vision

At Khatema Fibers Limited, beyond manufacturing paper, we are shaping the future of the paper industry in India. We envision a future that will see customers reaping the economic benefits of a circular economy and adoption of sustainable solutions. Driven by Moglix's digitally enabled supply chain, we aim to grow our installed capacity by 2X by 2030.

Who we are

We are Moglix, a USD 2.6 billion supply chain solutions company with a technology first approach headquartered in Singapore.

With end-to-end supply chain operations from strategic sourcing, digital procurement to financing, Moglix is a global manufacturing and digital supply chain solutions company with a footprint that spans 3000+ large enterprises, 500,000+ MSMEs and 20,000+ suppliers across India, the Middle East, United States & Mexico.

The inception of Moglix can be traced back to our pioneering digital supply chain transformation model receiving traction from our first investor Late Shri Ratan Tata and our growth to 3000+ manufacturing and infrastructure companies across 120+ countries that we serve.

Our People



Rahul Garg
Founder & CEO, Moglix

Our Investors

TIGERGLOBAL

SEQUOIA 

Accel



ALPHA WAVE



moglix

Enables You to Manufacture Better

Headquarters

7 Temasek Boulevard #12-02A
Suntec Tower One,
038987, Singapore

UAE Office

Khalifa Industrial Zone (Kizad),
Abu Dhabi, UAE

India Office

Smartworks Corporate Park
(Tower B), 1st Floor, Sector 125,
Noida 201303, Uttar Pradesh, India

Manufacturing Unit

UPSIDC Industrial Area,
Khatima-262308,
Uttarakhand, India

For Enquiries

Mail: paper@moglix.com