

TEST REPORT OF KRAFT PAPER

Sl.No.	Test Properties	Unit	Test Results				
		MIL	1.5	2.0	2.5	3.0	4.0
1.	GSM	-	26	35	45	58	77
2.	THICKNESS	mm.	0.038	0.050	0.060	0.075	0.105
3.	DENSITY	g/cm ³	0.684	0.700	0.750	0.773	0.733
4.	BURST FACTOR	-	37	40	40	38	38
5.	TEAR FACTOR	-	80	85	90	90	108
	MD CD						
6.	TENSILE STRENGTH	Kg/15mm Width	1.76	3.20	4.35	5.68	7.05
	MD CD						
7.	BREAKING LENGTH	Meter	4530	6110	6445	6535	6105
	MD CD						
8.	ELONGATION	%	1.40	1.80	2.20	2.00	1.90
	MD CD						
9.	GURLEY POROSITY	Sec/ 100 ml	18	100	205	98	92
10.	BREAK DOWN VOLTAGE	Kv	0.20	0.25	0.35	0.45	0.60

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Sl.No.	Particulars		Unit	TEST RESULT				
			MIL	5.0	7.0	10.0	15.0	20.0
1.	Thickness		mm	0.128	0.179	0.255	0.380	0.510
2.	Density		g/cm ³	1.10	1.32	1.14	1.15	1.03
3.	Burst Factor		-	28.8	28.7	26.4	19.0	18.0
4.	Tear Factor	MD	" -	78	79	96	141	152
		CD		112	121	139	165	178
5.	Tensile Strength	MD	Kg/15	14.69	23.46	25.92	21.42	24.0
		CD	Mm width	3.84	6.83	9.08	10.40	13.8
6.	Breaking Length	MD	Meter	6897	7744	6776	3509	3134
		CD		1820	2256	2284	1704	1800
7.	Elongation	MD	%	1.8	2.2	2.3	1.5	1.6
		CD		3.0	3.8	4.2	4.0	4.3
8.	Break Down Voltage		KV	1.2	1.4	1.5	1.8	2.2
9.	Gloss		%	39.6	37.5	36.3	34.0	33.4
				34.8	34	33.0	32.0	28.8