



Quality Assurance and R&D Division



PRODUCT SPECIFICATION

S.No.	Properties		UOM	PRODUCT QUALITY KITCHEN TOWEL(ECONOMICAL)							
1	No of Ply			1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)	1 Ply (Economical)
2	Substance (1 Ply)		g/m2	32 ± 0.9	34 ± 0.9	35 ± 0.9	36 ± 0.9	37 ± 0.9	38 ± 0.9	40 ± 0.9	42 ± 1
3	Thickness (1 PLY)		Micron	131 ± 10	140 ± 10	140 ± 10	170 ± 10	174 ± 10	179 ± 10	190 ± 10	147 ± 10
4	Bulk		CC/gm	4.1 ± 0.7	4.1 ± 0.7	4.0 ± 0.7	4.7 ± 0.7	4.7 ± 0.7	4.7 ± 0.7	4.7 ± 0.7	3.5 ± 0.7
5	Dry Tensile Strength	MD	gf/25mm	1035 ± 100	1150 ± 100	1260 ± 100	1350 ± 100	1500 ± 100	1550 ± 100	1750 ± 100	1890 ± 100
	Dry Tensile Strength	CD	gf/25mm	690 ± 50	765 ± 50	830 ± 50	900 ± 50	1000 ± 50	1035 ± 50	1170 ± 50	1260 ± 50
6	MDT/CDT RATIO			1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2	1.5 ± 0.2
7	Stretch	MD	%	12 ± 2	12 ± 2	12 ± 2	12 ± 2	12 ± 2	12 ± 2	12 ± 2	12 ± 2
8	Wet Tensile Strength	MD	gf/50mm	310 ± 25	345 ± 25	380 ± 25	405 ± 25	450 ± 25	465 ± 25	525 ± 25	567 ± 25
9	Wet / Dry Tensile		%	30 ± 2	30 ± 2	30 ± 2	30 ± 2	30 ± 2	30 ± 2	30 ± 2	30 ± 2
10	ISO Brightness(Frank, PTI)		% ISO	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2
11	Shade		-	Natural							
12	Furnish		-	Virgin pulp							
13	Core (ID)		mm	76							
14	Number of joints		-	70% ZERO JOINT, 20% ONE JOINT 10% TWO JOINTS							
15	Reel Diameter		mm	± 10 % of Actual ordered reel dia.							

An ISO 9001 : 2008 , ISO 14001:2004 & OHSAS 18001:2007 Company