

Quality Assurance System (QAS)												
Specification of Towel Grade Tissue Paper												
S.No.	Particulars	UOM	Towel-16 gsm (Maxi Roll)	Towel-17 gsm (Maxi Roll)	Towel-18 gsm (Maxi Roll)	Towel-16gsm (Interfold)	Towel-17gsm (Interfold)	Towel-18gsm (Interfold)	Towel - 21 gsm(USA)	Towel - 24 gsm	Towel - 28 gsm	
1	Actual GSM	g/m <sup>2</sup>	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	± 2.5%	
2	Bulk, ( min)	cc/gm	4.7±0.05	4.7±0.05	4.70 min.	4.0±1.0	4.00±0.10	4.00±0.10	3.50±0.10	3.30±0.10	3.30±0.10	
3	Brightness, (min.)	%ISO	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	
4	Breaking length	MD	meter	925±50	1000±50	1050±100	1550±100	1550±100	1600±100	1600±100	2000±100	2100±100
		CD		725±50	800±50	850±50	850±100	950±50	1100±50	1100±100	1250±100	1300±100
5	Wet strength 10 ply	MD	gmf /15 mm	625±50	650±50	700±50	650±100	650±50	700±50	1050±50	1400±100	1800±100
		CD		400±50	400±50	400±50	400±100	400±50	400±50	700±50	850±50	1000±50
6	Stretch	MD	%	28±3	28±3	30.0±3.0	26±3	30.0±3.0	30.0±3.0	30.0±3.0	30.0±3.0	

**Quality Assurance System (QAS)**

**Specification of Towel Grade Tissue Paper**

S.No.	Particulars	UOM	Towel - 30 gsm	Towel - 31 gsm	Towel - 32 gsm	Towel - 33 gsm	Towel - 34 gsm	Towel - 35 gsm	Towel - 36 gsm	Towel - 38 gsm	Towel - 40 gsm	Towel - 42 gsm	
1	Actual GSM	g/m <sup>2</sup>	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	±2.5%	
2	Bulk, ( min)	cc/gm	3.30±0.10	3.30±0.10	3.30±0.20	3.30±0.10	3.30±0.10	3.30±0.10	3.30±0.20	3.30±0.20	3.30±0.10	3.30±0.10	
3	Brightness , (min.)	%ISO	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	88.0±1.0	
4	Breaking length	MD	meter	2200±100	2200±100	2250±100	2250±100	2250±100	2300±100	2300±100	2300±100	2350±100	2400±100
		CD		1250±100	1250±100	1400±100	1400±100	1400±100	1500±100	1500±100	1500±100	1500±100	1500±100
5	Wet strength 10 ply	MD	gmf /15 mm	1900±100	1900±100	1950±100	1950±100	1950±100	2000±100	2000±100	2000±100	2100±100	2200±100
		CD		1100±100	1100±100	1200±100	1200±100	1200±100	1300±100	1400±100	1500±100	1600±100	1650±100
6	Stretch	MD	%	30.0±3.0	30.0±3.0	30.0±3.0	32.0±3.0	32.0±3.0	35.0±3.0	35.0±3.0	37.0±3.0	38.0±3.0	38.0±3.0