



# Research & Development



## Product Specification

S.No.	Properties	UOM	Product Quality : Ultra Soft Toilet				
			2 PLY	3 PLY	2 PLY	3 PLY	2 Ply
1	No of Ply		2 PLY	3 PLY	2 PLY	3 PLY	2 Ply
2	Substance (1 Ply)	g/m <sup>2</sup>	15.0±0.5	15.0±0.5	16.0±0.5	16.0±0.5	17.0±0.5
3	Thickness (1 PLY)	micron	105±10	105±10	112±10	112±10	119±10
4	*Bulk	cc/gm	7.0±0.5	7.0±0.5	7.0±0.5	7.0±0.5	7.0±0.5
5	*Dry Tensile Strength	MD gf/25mm	600±50	800±50	650±50	850±50	700±50
		CD gf/25mm	240±25	320±25	260±25	350±25	280±25
6	MDT/CDT RATIO		2.5±0.2	2.5±0.2	2.5±0.2	2.5±0.2	2.5±0.2
7	Stretch	MD %	17.0±2	17.0±2	17.0±2	17.0±2	17.0±2
8	*Wet Tensile Strength	MD gf/50mm	-	-	-	-	-
9	Wet / Dry Tensile	%	-	-	-	-	-
10	*ISO Brightness	% ISO	87±2	87±2	87±2	87±2.0	87±2.0
11	HF Value	%	82±2	82±2	82±2	82±2.0	82±2.0
12	Shade	-	Natural				
13	Furnish	-	Virgin pulp				
14	Core (ID)	mm	76				
15	Number of joints	-	70% ZERO JOINT, 20% ONE JOINT 10% TWO JOINTS				
16	Reel Diameter	mm	± 10 % of Actual ordered reel dia				

\*Note : If goes beyond higher side tolerance, Quality is OK.

Test Conditions : Temperature 23 ± 1°C & Relative Humidity 50± 2 % ( Tappi 402)

All properties are as per CPP Lalkua measurements

Tolerance are based upon 95 % confidence limits of single mill measurement on conditioned Random samples.

An ISO 9001,ISO 14001 & ISO 45001 company.

Recommended by	Approved by		Issued by Management Representative	Issue Date 01.09.2023	Revision No 03	Page 1 of 1	Doc No SPC-III-39 (M-5)
DGM (QA/R&D)	Head Process						
	CSO						
	CEO						