



# Research & Development



## Product Specification

S.No.	Properties	UOM	Product Quality : Ultra Soft Facial					
			2 PLY	2 PLY	3 PLY	2 PLY	3 Ply	
1	No of Ply							
2	Substance (1 Ply)	g/m <sup>2</sup>	12.5±0.5	13.5±0.5	13.5±0.5	14.0±0.5	14.0±0.5	
3	Thickness (1 PLY)	micron	88±10	95±10	95±10	98±10	98±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	350±50	400±50	5250±50	450±50	590±50
		CD	gf/25mm	140±25	160±25	210±25	180±25	225±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	%	15.0±2	15.0±2	15.0±2	15.0±2	15.0±2
8	*Wet Tensile Strength	MD	gf/50mm	60±10	70±10	90±10	78±10	100±10
9	Wet / Dry Tensile		%	17±2	17±2	17±2	17±2	17±2
10	*ISO Brightness		% ISO	87±2	87±2	87±2	87±2.0	87±2.0
11	HF Value		%	87±2	87±2	85±2	85±2.0	85±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						