



# Research & Development



## Product Specification

S.No.	Properties	UOM	Product Quality : Book Printing (NS) SS						
1	Substance	g/m <sup>2</sup>	54 ± 2.5%	60 ± 2.5%	64 ± 2.5%	70 ± 2.5%	80 ± 2.5%	90 ± 2.5%	
2	*Bulk	cc/gm	1.70 ± 0.04	1.70 ± 0.04	1.70 ± 0.04	1.70 ± 0.04	1.70 ± 0.04	1.70 ± 0.04	
3	*Tear Factor	MD	-	45 ± 5	45 ± 5	45 ± 5	45 ± 5	45 ± 5	
				CD	50 ± 5	50 ± 5	50 ± 5	50 ± 5	50 ± 5
4	*Breaking length	meter	-	4500 ± 500	4500 ± 500	4500 ± 500	4500 ± 500	4500 ± 500	
				CD	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500
5	Cobb <sub>60</sub>	g/m <sup>2</sup>	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	
6	Smoothness (Bendtsen)	ml/min	-	I Side	650 ± 150	650 ± 150	650 ± 150	650 ± 150	650 ± 150
				II Side	750 ± 100	750 ± 100	750 ± 100	750 ± 100	750 ± 100
7	*ISO Brightness (L&W Elrepho)	%	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2	86 ± 2	
8	*Print Opacity (L&W Elrepho)	%	80 ± 1	83 ± 1	84 ± 1	85 ± 1	86 ± 1	87 ± 1	
9	*Wax Pick	No	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	
10	Shade		Natural						
11	Moisture	%	4.5 ± 0.5	4.5 ± 0.5	4.5 ± 0.5	4.5 ± 0.5	4.5 ± 0.5	4.5 ± 0.5	

\*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.

Being an innovative organization, Century Pulp & Paper is continually working in response to customer requirements. The specification mentioned are therefore subject to change. Learn more about our upgraded specification sheet on our website : [www.centurypaperindia.com](http://www.centurypaperindia.com)

Date : 01.01.2024

Note : This specification supersedes all previous specification