



# Research & Development



## Product Specification

S.No.	Properties		UOM	Product Quality : Century AW Copier		
1	Substance		g/m <sup>2</sup>	70 ± 2.5%	75 ± 2.5%	80 ± 2.5%
2	Thickness		micron	100 ± 3	105 ± 3	110 ± 3
3	*Bulk		cc/gm	1.43 ± 0.03	1.40 ± 0.03	1.38 ± 0.03
4	*Breaking Length	MD	meter	4800 ± 400	4800 ± 400	4800 ± 400
		CD		3000 ± 400	3000 ± 400	3000 ± 400
5	*Tear Factor	MD	-	45 ± 5	45 ± 5	45 ± 5
		CD		50 ± 5	50 ± 5	50 ± 5
6	Cobb <sub>60</sub>		g/m <sup>2</sup>	28 ± 2	28 ± 2	28 ± 2
7	Smoothness (Bendtsen)	I side	ml/min	180 ± 50	180 ± 50	180 ± 50
		II side		240 ± 50	240 ± 50	240 ± 50
8	*ISO Brightness (L&W Elrepho)		%	93 ± 1	93 ± 1	93 ± 1
9	*CIE Whiteness (L&W Elrepho)		%	155 ± 5	155 ± 5	155 ± 5
10	*Print Opacity (L&W Elrepho)		%	95 ± 1	96 ± 1	97 ± 1
11	*Wax Pick		no.	14 A Clear	14 A Clear	14 A Clear
12	*Stiffness	MD	° Taber	2.2 ± 0.2	2.5 ± 0.2	2.6 ± 0.2
		CD		1.2 ± 0.2	1.5 ± 0.2	1.5 ± 0.2
13	Shade		-	Bluish	Bluish	Bluish
14	Moisture		%	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 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.