



Research & Development



Product Specification

S.No.	Properties	UOM	Product Quality : Century Imperial Print								
			57/58 ± 2.5%	60 ± 2.5%	64 ± 2.5%	68/70 ± 2.5%	75 ± 2.5%	78/80 ± 2.5%	90 ± 2.5%	100 ± 2.5%	120 ± 2.5%
1	Substance	g/m ²	57/58 ± 2.5%	60 ± 2.5%	64 ± 2.5%	68/70 ± 2.5%	75 ± 2.5%	78/80 ± 2.5%	90 ± 2.5%	100 ± 2.5%	120 ± 2.5%
2	*Bulk	cc/gm	1.35 ± 0.03	1.35 ± 0.03	1.35 ± 0.03	1.35 ± 0.03	1.28 ± 0.03	1.28 ± 0.03	1.25 ± 0.03	1.23 ± 0.03	1.23 ± 0.03
3	*Breaking Length	MD	meter	5000 ± 500	5000 ± 500	5000 ± 500	5000 ± 500	5000 ± 500	5000 ± 500	5000 ± 500	5000 ± 500
		CD		2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500	2500 ± 500
4	*Tear Factor	MD	-	45 ± 5	45±5	45±5	45±5	45±5	45±5	45±5	45±5
		CD		50 ± 5	50±5	50±5	50±5	50±5	50±5	50±5	50±5
5	Cobb ₆₀	g/m ²	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2	23 ± 2
6	Smoothness (Bendtsen)	I side	ml/min	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50	130 ± 50
		II side		180 ± 50	180 ± 50	180 ± 50	180 ± 50	180 ± 50	180 ± 50	180 ± 50	180 ± 50
7	*ISO Brightness (L&W Elrepho)	%	90 ± 1	90 ± 1	90 ± 1	90 ± 1	90 ± 1	90 ± 1	90 ± 1	90 ± 1	90 ± 1
8	*CIE Whiteness (L&W Elrepho)	%	150 ± 5	150 ± 5	150 ± 5	150 ± 5	150 ± 5	150 ± 5	150 ± 5	150 ± 5	150 ± 5
9	*Print Opacity (L&W Elrepho)	%	92 ± 1	93 ± 1	94 ± 1	95 ± 1	96 ± 1	96 ± 1	97 ± 1	98 ± 1	99 ± 1
10	*Wax Pick	No.	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear	14 A Clear
11	Shade	-	Bluish Reddish Bright								
12	Moisture	%	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	5.0 ± 0.5	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

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Note : This specification supersedes all previous specification.