

SILVERTON PULP & PAPER PVT. LTD.
MUZAFFARNAGAR

SPECIFICATION

PROPERTIES		UNITS	SLIVER ASTER												
			52	54	56	58	60	64	68	70	75	78/80	90	100	120
BASIS WEGHT (NOMINAL)		g/m ²	52	54	56	58	60	64	68	70	75	78/80	90	100	120
ACTUAL GSM		g/m ²	52 ± 2.5%	54 ± 2.5%	56 ± 2.5%	58 ± 2.5%	60 ± 2.5%	64 ± 2.5%	68 ± 2.5%	70 ± 2.5%	75 ± 2.5%	78 ± 2.5% 80 ± 2.5%	90 ± 2.5%	100 ± 2.5%	120 ± 2.5%
BULK		cc/g	1.33±0.02	1.33±0.02	1.34±0.02	1.34±0.02	1.33±0.02	1.33±0.02	1.32±0.02	1.31±0.02	1.30±0.02	1.30±0.02	1.30±0.02	1.30±0.02	1.30±0.02
BENDTSEN ROUGHNESS	TS	mL/Min	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max	300 Max
	WS		200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max	200 Max
POROSITY	-	ml/Min	700 Max	700 Max	700 Max	700 Max	700 Max	700 Max	700 Max	700 Max	700Max	700 Max	600 Max	600 Max	600 Max
BREAKING LENGTH	MD	m	4500 Min	4500 Min	4500 Min	4500 Min	4500 Min	4300 Min	4000 Min	4000 Min	4000 Min	3700 Min	3500 Min	3500 Min	3400 Min
	CD	m	2200 Min	2200 Min	2200 Min	2100 Min	2100 Min	2000 Min	1900 Min	1900 Min	1900 Min	1800 Min	1700 Min	1800 Min	1700 Min
TEAR FACTOR	MD	-	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min
	CD	-	50 Min	50 Min	50 Min	50 Min	50 Min	55 Min	50 Min	50 Min	50 Min	50 Min	50 Min	50 Min	50 Min
STIFFNESS	MD	Taber	2.8± 0.2	3.0 ± 0.2	3.1 ± 0.2	3.5 ± 0.2	4.0 ±0.2	4.6±0.2	5.6±0.2	6.1± 0.2	7.4± 0.2	8.5 ± 0.2	11.7 ± 0.2	14.2 ± 0.2	26.0 ± 0.2
	CD	Taber	1.3 ± 0.2	1.4± 0.2	1.4 ± 0.2	1.6 ± 0.2	1.8 ±0.2	2.0±0.2	2.3±0.2	2.6 ± 0.2	3.2 ± 0.2	3.8 ± 0.2	4.8 ± 0.2	7.5 ± 0.2	12.0 ± 0.2
sizing (Cobb60)	Avg of TOP & BOTTOM	g/m ²	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1
Moisture		%	4.3±0.5	4.3±0.5	4.3±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5	4.5±0.5
WAX PICK	TS & WS	No.	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min
Brightness		%	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1	85 ± 1
L*			88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min	88 Min
a*			4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1	4.4±0.1
b*		(-)	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1	9.4±0.1
OPACITY	Min	%	90 Min	90 Min	92 Min	92 Min	94 Min	95 Min	95 Min	96 Min	96 Min	97 Min	97 Min	98 Min	98 Min
ERIC value	-	-	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 100	< 110	< 100	< 100