SILVERTON PULP & PAPER PVT. LTD.

SPECIFICATION

MUZAFFARNAGAR

PROPERTIES		UNITS	Silver star					
BASIS WEGHT (NOMINAL)		g/m^2	**54**	**58**	**64**	68	70	75
ACTUAL GSM		g/m^2	54 ± 2.5%	58 ± 2.5%	64 ± 2.5%	68 ± 2.5%	70 ± 2.5%	75 ± 2.5%
BULK		cc/g	1.30 ± 0.02	1.30 ± 0.02	1.31±0.02	1.31±0.02	1.31±0.02	1.30±0.02
BENDTSEN ROUGHNESS	TS	mL/Min	250 Max	250 Max	250 Max	300 Max	300 Max	300 Max
	WS		150 Max	150 Max	200 Max	200 Max	200 Max	200 Max
POROSITY	-	ml/Min	700 Max	700 Max	800 Max	1000 Max	700 Max	600 Max
BREAKING LENGTH	MD	m	5500 Min	5000 Min	5000 Min	5000 Min	4500 Min	4500 Min
	CD	m	2500 Min	2300 Min	2300 Min	2300 Min	2200 Min	2200 Min
TEAR FACTOR	MD	-	45 Min	45 Min	45 Min	45 Min	45 Min	45 Min
	CD	-	55 Min	55 Min	55 Min	55 Min	55 Min	55 Min
STIFFNESS	MD	Taber	3.5 ± 0.2	3.9 ± 0.2	5.7 ± 0.2	6.6 ± 0.2	6.7 ± 0.2	8.9 ± 0.2
	CD	Taber	1.7 ± 0.2	1.6 ± 0.2	2.4 ± 0.2	2.6 ± 0.2	3.2 ± 0.2	4.2 ± 0.2
sizing (Cobb60)	Avg of TOP & BOTTOM	g/m^2	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1	26 ± 1
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
WAX PICK	TS & WS	No.	13 Min	13 Min	13 Min	13 Min	13 Min	13 Min
Brightness		%	95 ± 1	95 ± 1	95 ± 1	95 ± 1	95 ± 1	95 ± 1
L*			90 Min	89 Min	90 Min	90 Min	90 Min	90 Min
a*			5.3 ± 0.1	5.3 ± 0.1	5.3 ± 0.1	5.3 ± 0.1	5.3 ± 0.1	5.3 ± 0.1
b*		(-)	13.3 ± 0.1	13.3 ± 0.1	13.3 ± 0.1	13.3 ± 0.1	13.3 ± 0.1	13.3 ± 0.1
OPACITY	Min	%	90 Min	92 Min	93 Min	94 Min	95 Min	96 Min
ERIC value	-	-	< 70	< 70	< 70	< 70	< 70	< 70