

TRIDENT LIMITED						
RESEARCH & DEVELOPMENT DEPARTMENT						
NOMENCLATURE			CARTRIDGE NSS			
PRODUCT SPECIFICATIONS						
S.NO.	PROPERTIES	UOM	80 GSM	90 GSM	100 GSM	120 GSM
1	Substance	g/m ²	± 2.5%	± 2.5%	± 2.5%	± 2.5%
2	Bulk	cc/g	1.45 ± 0.04	1.45 ± 0.04	1.45 ± 0.04	1.45 ± 0.04
3	Breaking Length (Min) MD	meter	4200	4200	4200	4200
	CD	meter	2100	2100	2100	2100
4	Tear Factor (Min) MD	-	40	40	40	40
	CD	-	42	42	42	42
5	Smoothness (Bendtsen) I Side	ml/min	250 ± 50	250 ± 50	250 ± 50	250 ± 50
	II Side	ml/min	400 ± 50	400 ± 50	400 ± 50	400 ± 50
6	Cobb ₆₀ I Side	g/m ²	25 ± 2	25 ± 2	25 ± 2	25 ± 2
	II Side	g/m ²	26 ± 2	26 ± 2	26 ± 2	26 ± 2
7	Brightness L & W Elrepho (Min)	% ISO	82 ± 1	82 ± 1	82 ± 1	82 ± 1
8	Opacity (Print) L& W Elrepho	%	88 ± 1	90 ± 1	92 ± 1	94 ± 1
9	Passed Wax Pick No.	no.	12A	12A	12A	12A

PROPERTIES	
Date of Preparation	27.09.2012
Major Changes Done	L a* b* value