

RESEARCH & DEVELOPMENT DEPARTMENT						
NOMENCLATURE				DIAMOND		
PRODUCT SPECIFICATIONS						
S.No.	Properties		UOM	64 GSM	68/70 GSM	78/80 GSM
1	Substance (A)		g/m ²	± 2.5%	± 2.5%	± 2.5%
2	Bulk		cm ³ /g	1.25 ± 0.01	1.25 ± 0.03	1.25 ± 0.03
3	Breaking Length	MD	meter	5200	5200	5200
		CD		2800	2800	2800
4	Tear Factor	MD	-	48	48	48
		CD		50	50	50
5	Bendtsen Smoothne	I Side	ml/min	170 ± 20	170 ± 20	170 ± 20
		II Side		90 ± 20	90 ± 20	90 ± 20
6	Cobb ₆₀	I Side	g/m ²	26 ± 2	26 ± 2	26 ± 2
		II Side		25 ± 2	25 ± 2	25 ± 2
7	ISO Brightness, L&W ELREPHO		% ISO	90 ± 1	90 ± 1	90 ± 1
8	Opacity (Print),L&W ELREPHO		%	88 ± 1	90 ± 1	92 ± 1
9	Scattering Coefficient		m ² / kg	44 ± 1	44 ± 1	44 ± 1
10	Passed Wax Pick no.		No.	14A	14A	14A
11	Shade					Brilli

LINE		
100 GSM	110 GSM	120 GSM
$\pm 2.5\%$	$\pm 2.5\%$	$\pm 2.5\%$
1.24 ± 0.03	1.24 ± 0.03	1.24 ± 0.03
5200	5200	5200
2800	2800	2800
48	48	48
50	50	50
180 ± 30	180 ± 30	180 ± 30
110 ± 30	110 ± 30	110 ± 30
26 ± 2	26 ± 2	26 ± 2
25 ± 2	25 ± 2	25 ± 2
90 ± 1	90 ± 1	90 ± 1
94 ± 1	95 ± 1	96 ± 1
44 ± 1	44 ± 1	44 ± 1
14A	14A	14A
iant Blue		