



## NR AGARWAL INDUSTRIES LTD (UNIT - 2)

### QUALITY CONTROL DIVISION

#### SPECIFICATION OF NP HBS 45 GSM

SR NO	TEST PARAMETER		UNIT	BIS SPECIFICATION IS 11688:1999	NORMS
1	SUBSTANCE		GSM	40-52	± 2.5%
2	TENSILE INDEX	MD	Nm/gm	35 MIN	38 MIN
		CD		15 MIN	19 MIN
3	TEAR INDEX	CD	mNm <sup>2</sup> /g	4.5 MIN	5.0 MIN
4	OPACITY		%	90 MIN	92 MIN
5	BRIGHTNESS		ISO %	52 MIN	52 MIN
6	BENDTSEN SMOOTHNESS		ml/min	300 MAX	300 MAX
7	POROSITY		ml/min	800 MAX	600 MAX

#### TESTING CONDITIONS

AS PER BIS STANDARDS - RH 65 ± 2 %, TEMPERATURE 27° C ± 1°

AS PER ISO FOR EUROPE - RH 50 ± 2 %, TEMPERATURE 20° C ± 1°