



**TAMILNADU NEWSPRINT AND PAPERS LIMITED**  
**67, Mount Road, Guindy, Chennai, Pin:600032**  
**Ph:044-22354415 Email:mktg.co@tnpl.co.in**

TNPL PRINT FINE - Specifications

<b>S.No</b>	<b>Property</b>	<b>Specification</b>
1	Nominal GSM Range (g/m <sup>2</sup> )	54 - 80
2	Substance Tolerance	± 2.5 %
3	Bulk cc/g	1.25 ± 0.05
4	Moisture %	6.0 ± 0.5
5	Breaking Length MD m	5000 ± 300
6	Breaking Length CD m	2500 ± 300
7	Tear Factor MD	40 ± 5
8	Tear Factor CD	45 ± 5
9	Burst Factor (Min)	20
10	Bendsten Smoothness TS ml/min	90 - 130
11	Bendsten Smoothness WS ml/min	90 - 130
12	Porosity ml/min (Max)	450
13	Cobb 60 g/m <sup>2</sup>	25 ± 2
14	Brightness - ISO % (Min)	91
15	Opacity %	85 - 95
16	CIE Whiteness	155 ± 5