

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

## TNPL ACE MARVEL - Specifications

S.No	Property	Specification
1	Nominal GSM Range(g/m²)	47 - 90
2	Substance Tolerance	± 2.5 %
3	Bulk cc/g	1.30 ± 0.05
4	Moisture %	6.0 ± 0.5
5	Breaking Length MD m	4000 ± 200
6	Breaking Length CD m	2000 ± 200
7	Tear Factor MD	40 ± 5
8	Tear Factor CD	45 ± 5
9	Burst Factor (Min)	18
10	Bendsten Smoothness TS ml/min	130 - 200
11	Bendsten Smoothness WS ml/min	70 - 110
12	Porosity ml/min (Max)	350
13	Cobb 60 g/m²	25 ± 2
14	Brightness - ISO % (Min)	87
15	Opacity %	84 - 96
16	CIE Whiteness	145 ± 5