



TAMILNADU NEWSPRINT AND PAPERS LIMITED
67, Mount Road, Guindy, Chennai, Pin:600032
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TNPL AURA PEARL - Specifications

SUBSTANCE, g/m ² (TAPPI T 410)	CALIPER, μ m (TAPPI T 411)	BULK, cm ³ /g	BENDING STIFFNESS, mN (TAPP1 T 556)		
			MD	CD	GM
TOL : \pm 3%	TOL : \pm 5%	TOL : \pm 5%	TOL : \pm 15%		
190	228	1.2	66	33	45
200	240	1.2	77	40	55
210	252	1.2	88	44	60
220	264	1.2	97	48	70
230	276	1.2	110	55	80
240	288	1.2	125	63	90
250	300	1.2	143	72	100
260	317	1.22	160	80	115
270	329	1.22	187	94	130
280	347	1.24	195	100	140
290	360	1.24	220	110	155
300	375	1.25	246	123	175
310	388	1.25	272	136	190
320	400	1.25	300	150	210
330	413	1.25	324	162	230
340	425	1.25	394	197	280
350	455	1.3	444	222	315
360	468	1.3	490	245	345
370	481	1.3	535	267	380
380	494	1.3	580	290	410
390	507	1.3	630	314	445
400	520	1.3	675	340	480
420 #	546	1.3	700	350	495

#: Made under specific request with minimum order quantity of 100 MT.



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PROPERTY		TOLERANCE	VALUE	
MOISTURE, %	(TAPPI T 412)	Up to 300 GSM	-	6.0 to 7.0
		Above 300 GSM	-	7.0 to 8.0
ROUGHNESS, μm	(TAPPI T 555)	-	Max	2.5
PLYBOND, J/m ²	(TAPPI T 569)	-	Min	150
COBB60, g/m ²	(TAPPI T 441)	Top / Bottom	Max	50/50
IGT DRY PICK, m/s	(ISO 3783)	Top	Min	0.8
GLOSS at 75°, %	(TAPPI T 480)	Top	Min	42
BRIGHTNESS, %	(ISO 2469)	Top	Min	77
CIE WHITENESS, %	(TAPPI T 560)	Top	Min	86

NOTE: The results of the properties are as per TNPL lab test measurements according to International standard test methods - TAPPI/ISO. Conforming to BFR XXXVI, IS6615, US FDA 21.CFR.176.170 standards.