

# NR AGARWAL INDUSTRIES LTD. ( UNIT V )

## Quality: NR Excel



The mark of responsible forestry

### Specification Sheet - M/c Deckle : 396-400 cm

Properties	Units	Tolerance	Values													Standards
			50	52	54	56	58	60	64	68	70	80	90	100	120	
Substance	gsm	± 2.5%	50	52	54	56	58	60	64	68	70	80	90	100	120	TAPPI T410 om-98
Thickness	µm	± 5%	63	65	68	70	73	75	80	85	88	100	113	125	150	TAPPI T411 om-97
Bulk	cm <sup>3</sup> /gm	± 5%	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	-
Moisture	%	± 0.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	TAPPI T412 om-94
Cobb <sub>60</sub>	TS	Max	21	21	21	21	21	21	21	21	21	21	21	21	21	TAPPI T441 om-98
	WS	Max	22	22	22	22	22	22	22	22	22	22	22	22	22	TAPPI T441 om-98
Breaking Length	MD	Min	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	TAPPI T404 om-92
	CD	Min	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	TAPPI T404 om-92
Tear Factor	CD	Min	45	45	45	45	45	45	45	45	45	45	45	45	45	TAPPI T414 om-98
Brightness	TS	± 1.0	88	88	88	88	88	88	88	88	88	88	88	88	88	ISO 2470
Opacity	%	Min	90	90	90	90	90	90	90	90	93	93	93	93	93	ISO 2471
Smoothness (Bendtsen)	TS	Max	180	180	180	180	180	180	180	180	180	180	180	180	180	ISO 8791-2
	WS	Max	240	240	240	240	240	240	240	240	240	240	240	240	240	ISO 8791-2
Wax Pick	No.	Min	10A	10A	10A	10A	10A	10A	10A	10A	10A	10A	10A	10A	10A	TAPPI T459 om-93

#### Features:

- It is uncoated wood free paper.
- Brilliant in brightness, bulk, shade stability and smoothness
- Suitable for one or two color printing jobs.
- Used in making high quality notebooks, calendar, diaries, etc
- GSM range from 50 to 120

- Note: 1. All Properties are according to NR Agarwal Industries Ltd Unit-V Sarigam, Vapi measurements.  
 2. All Properties climate 50% RH & 23oC (as per TAPPI T 402 sp-98)  
 3. Tolerances are based upon 2 sigma level of random samples.