



N R AGARWAL INDUSTRIES LTD. (UNIT V)

Quality: NR Excel SS



The mark of responsible forestry

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

Properties	Units	Tolerance	Values											Standards
			58	60	64	68	70	75	78	80	90	100	120	
Substance	gsm	± 2.5%	58	60	64	68	70	75	78	80	90	100	120	TAPPI T410 om-98
Thickness	µm	± 5%	71	73	78	83	85	92	95	98	110	122	146	TAPPI T411 om-97
Bulk	cm ³ /gm	± 5%	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	-
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	TAPPI T412 om-94
Cobb ₆₀	TS	Max	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	TAPPI T441 om-98
Breaking Length	MD	Min	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	TAPPI T404 om-92
	CD	Min	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	2300	TAPPI T404 om-92
Tear Factor	CD	Min	55	55	55	55	55	55	55	55	55	55	55	TAPPI T414 om-98
Brightness	TS	± 1.0	88	88	88	88	88	88	88	88	88	88	88	ISO 2470
Opacity		Min	90	90	90	90	93	93	93	93	93	93	93	ISO 2471
Smoothness (Bendtsen)	TS	Max	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	ISO 8791-2
Wax Pick	No.	Min	14A	14A	14A	14A	14A	14A	14A	14A	14A	14A	14A	TAPPI T459 om-93

Features:

- **Excel SS is surface sized paper..**
- Brilliant in brightness, shade stability and smoothness
- High tensile strength and surface properties
- Suitable for high speed multi color printing jobs
- This quality has superior print reproduction
- GSM range from 58 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.