



Emami* PAPER MILLS
UNIT:-BALASORE

SPECIFICATION SHEET FOR EMAMI PINK NEWS PRINT

Grade Name : EPNP
Grade Id : NPP (Pink)
Machine : PMC # 3

SPEC NO : 1
Format No : 1
Rev:-00
Nov-25

PARAMETERS	STANDARD	UOM		TOLERANCE
SUBSTANCE	Tappi T410	gsm	45.0	± 2.5%
CALIPER	Tappi T411	µm	61	± 3.0 %
BULK	Tappi T411	cc/g	1.35	± 3.0 %
ROUGHNESS - BENDTSEN-TS	ISO 8791 - 2	ml/min	200	Max
ROUGHNESS - BENDTSEN-WS	ISO 8791 - 2	ml/min	150	Max
OPACITY	ISO 2471	% ISO	92.0	Min
BREAKING LENGTH (MD)	Tappi T494	meters	4200	Min
BREAKING LENGTH (CD)	Tappi T494	meters	1300	Min
TEAR INDEX MD	Tappi T414	mNm2/gm	5.0	Min
TEAR INDEX CD	Tappi T414	mNm2/gm	6.5	Min
WAX PICK TS/WS	Tappi T459	No.	9A	Min
POROSITY	Tappi T547	ml/min	450	Max
MOISTURE	Tappi T412	%	7.50	± 0.5
L*	ISO 2470	-	77.5	± 0.5
a*	ISO 2470	-	7.5	± 0.5
b*	ISO 2470	-	15.5	± 0.5
BRIGHTNESS	ISO 2470	% ISO	39.0	± 0.5
Yellowness	ISO 2470	-	38.0	± 0.5

Note :

- 1.) All Properties are according to standard method.
- 2.) Samples are tested at Test Climate 27°C ± 1 & 65% ± 2 RH
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random

PM # 1, 2, & 3 Quality Assurance