



ITC LIMITED - PAPER BOARDS AND SPECIALTY PAPERS DIVISION
UNIT :- BHADRACHALAM

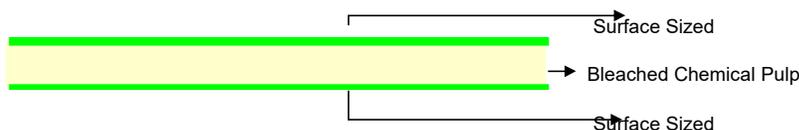
SPECIFICATION SHEET

GRADE NAME : ALFA ZAP
GRADE ID : ZAP

SUBSTANCE (GSM)(Avg) QS/TM/55 TAPPI T 410
50
54
56
58
60
64
65
70
75
78
80
85
90
100
105
110
120
± 5%

PARAMETERS	UNITS	50-60 GSM	64-70 GSM	75-85 GSM	90-105 GSM	110-120 GSM
TEAR FACTOR(AVG OF MD & CD) QS/TM/57, TAPPI T 414		46 MIN	46 MIN	46 MIN	46 MIN	46 MIN
COBB						
TOP SIDE	GSM	28 MAX	28 MAX	28 MAX	28 MAX	28 MAX
WIRE SIDE		28 MAX	28 MAX	28 MAX	28 MAX	28 MAX
QS/TM/09 , TAPPI T 441						
BREAKING LENGTH	MD CD	mtrs	4200 MIN 2300 MIN	4200 MIN 2300 MIN	4200 MIN 2300 MIN	4000 MIN 2300 MIN
QS/TM/59 , TAPPI T 494						
MOISTURE	%	5.0±1.0	5.0±1.0	5.0±1.0	5.0±1.0	5.0±1.0
QS/TM/35 , TAPPI T 412						
BRIGHTNESS	%	94 MIN	94 MIN	94 MIN	94 MIN	94 MIN
QS/TM/77 , TAPPI 452						
OPACITY	%	88 MIN	88 MIN	90 MIN	92 MIN	92 MIN
QS/TM/80 , TAPPI 519						
CIE WHITENESS D 65	%	152 MIN	152 MIN	152 MIN	152 MIN	152 MIN
QS/TM/78 , TAPPI 500						
WAX PICK	NO	12A	12A	12A	12A	12A
TOP SIDE		12A	12A	12A	12A	12A
WIRE SIDE		12A	12A	12A	12A	12A
QS/TM/62 , TAPPI T 459						
ROUGHNESS (BENDTSEN)						
TOP SIDE	ml/min	170 MAX	175 MAX	195 MAX	205 MAX	265 MAX
AVG						
WIRE SIDE	ml/min	95 MAX	100 MAX	110 MAX	115 MAX	150 MAX
AVG						
QS/TM/48 , ISO 8791 – 2						

CONSTRUCTION



Note :

- 1) All Properties are according to ITC Limited, PSPD Unit:BCM Measurements.
- 2) Test Climate 23°C/50%RH.
- 3) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples.