



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

SPECIFICATION SHEET

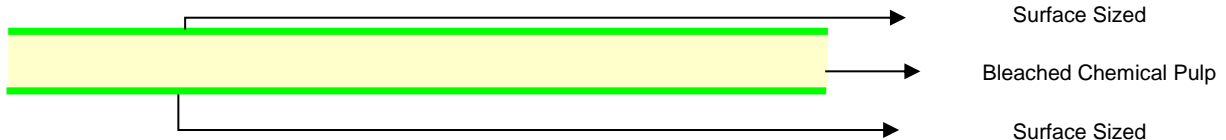
**GRADE NAME : ALFA PLUS
GRADE ID : ALP**

**SPEC NO: ALP/GEN/PSPD/BCM/VI/004
Format No : F/QISD/1**

SUBSTANCE (GSM) QS/TM/55 TAPPI T 410
54
56
57
58
60
64
65
68
70
75
78
80
90
100
120
TOL : ± 5%

PARAMETERS	UNITS	54-60 GSM	64-70 GSM	75-90 GSM	100-120 GSM
BULK	CC/gm	1.3 ± 0.03MIN	1.28 ± 0.03MIN	1.27 ± 0.03MIN	1.25 ± 0.03MIN
TEAR FACTOR QS/TM/57, TAPPI T 414		46MIN	46 MIN	46MIN	46 MIN
COBB					
TOP SIDE	GSM	28 MAX	28 MAX	28 MAX	28 MAX
WIRE SIDE		28 MAX	28 MAX	28 MAX	28 MAX
QS/TM/09, TAPPI T 441					
BREAKING LENGTH	MD	4800(-500)	4800(-500)	4500(-500)	4100(-500)
QS/TM/59, TAPPI T 494	CD	2700(-400)	2700(-400)	2700(-400)	2700(-400)
MOISTURE	%	4.0 - 5.0	4.0 - 5.0	4.0 - 5.0	4.5 - 5.5
QS/TM/35, TAPPI T 412					
BRIGHTNESS	%	89 MIN	89 MIN	89 MIN	89 MIN
QS/TM/77, TAPPI 452					
OPACITY	%	88(-1)	91(-1)	94(-1)	95(-1)
QS/TM/80, TAPPI 519					
WAX PICK					
TOP SIDE	NO	12A MIN	12A MIN	12A MIN	12A MIN
WIRE SIDE		12A MIN	12A MIN	12A MIN	12A MIN
QS/TM/62, TAPPI T 459					
ROUGHNESS (BENDTSEN)					
TOP SIDE	ml/min	150±50	170±60	180±60	250±50
AVG					
WIRE SIDE	ml/min	80±30	90±30	95±30	100±30
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