



ITC LIMITED - PAPERBOARDS AND SPECIALTY PAPERS DIVISION

UNIT :- BHADRACHALAM

SPECIFICATION SHEET

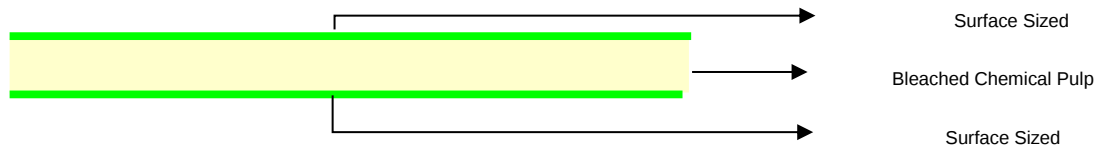
GRADE NAME : HI BRITE PAPER
GRADE ID : 6HB

SPEC NO:6HB/GEN/PSPD/BCM/VI/004
Format No : F/QISD/1

SUBSTANCE (GSM) QS/TM/55 TAPPI T 410
54
56
58
60
65
68
70
80
90
100
110
120
130
TOL : ± 5%

PARAMETERS		54-58	60- 65	68/70	80	90	100	110	120	130
BULK	cc/gm	1.3 ± 0.03	1.3 ± 0.03	1.3 ± 0.03	1.3 ± 0.03	1.28 ± 0.03	1.27 ± 0.03	1.27 ± 0.03	1.26 ± 0.03	1.26 ± 0.03
TEAR FACTOR QS/TM/57, TAPPI T 414		46 MIN	46 MIN	46 MIN	46 MIN	46 MIN	46 MIN	46 MIN	46 MIN	46 MIN
COBB TOP SIDE WIRE SIDE QS/TM/09, TAPPI T 441	GSM	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX	28 MAX 28 MAX
BREAKING LENGTH MD CD QS/TM/59, TAPPI T 494	mts	4700(-500) 2700(-400)	4700(-500) 2700(-400)	4700(-500) 2700(-400)	4700(-500) 2700(-400)	4500(-500) 2700(-400)	4500(-500) 2700(-400)	4100(-500) 2700(-400)	4100(-500) 2400(-400)	4100(-500) 2700(-400)
MOISTURE QS/TM/35, TAPPI T 412	%	4.0 - 5.0	4.0 - 5.0	4.0 - 5.0	4.0 - 5.0	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5	4.5 - 5.5
BRIGHTNESS QS/TM/77, TAPPI T 452	%	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN
OPACITY QS/TM/80, TAPPI T 519	%	83(-1)	86(-1)	89(-1)	90(-1)	90(-1)	91(-1)	91(-1)	93(-1)	93(-1)
WAX PICK TOP SIDE WIRE SIDE QS/TM/62, TAPPI T 459	NO	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN	12A MIN 12A MIN
ROUGHNESS (BENDTSEN) TOP SIDE AVG WIRE SIDE AVG QS/TM/48, ISO 8791 – 2	ml/min	170±50 100±30	180±50 115±30	215±50 135±30	215±50 135±30	235±50 150±30	250±50 160±30	250±50 160±30	290±50 170±30	300±50 170±30

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