



**ITC LIMITED - PAPERBOARDS AND SPECIALTY PAPERS DIVISION**  
**UNIT :- BHADRACHALAM**

**SPECIFICATION SHEET**

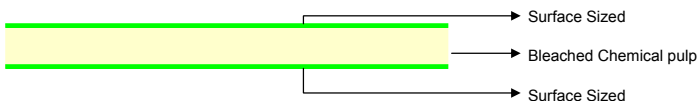
**GRADE NAME : HI BRITE PAPER**  
**GRADE ID : HBP**

**SPEC NO : HBP/GEN/PSPD/BCM/II/02**  
**FORMAT : F/10/16**

SUBSTANCE (GSM) QS/TM/55 TAPPI T 410 om - 98	CALIPER (microns) QS/TM/06 TAPPI T 411 om - 97
58	70
60	72
65	78
70	84
75	90
80	96
85	102
90	108
95	114
100	120
105	126
110	132
115	138
120	144
125	150
130	156
135	162
140	168
TOL : ± 5%	± 5%

PARAMETERS	UNITS	VALUE
BURST FACTOR AVG QS/TM/05 , TAPPI T 403 Om - 97		24 (-4)
TEAR FACTOR QS/TM/57, TAPPI T 414 om - 98		52 (-2)
COBB TOP SIDE WIRE SIDE QS/TM/09 , TAPPI T 441 om - 98	GSM	28 MAX 28 MAX
BREAKING LENGTH MD CD QS/TM/59 , TAPPI T 404 cm - 92	mts	5000 (-500) 2700 (-200)
MOISTURE QS/TM/35 , TAPPI T 412 om - 94	%	5.0 - 6.0
BRIGHTNESS QS/TM/03 , TAPPI T 452 om - 98	%	88 (-3)
OPACITY 58 – 99 GSM 100 – 120 GSM 125 – 140 GSM	%	85 (-3) 87 (-3) 93 (-3)
WAX PICK TOP SIDE WIRE SIDE QS/TM/62 , TAPPI T 459 Om - 93	NO	8A MIN 8A MIN
ROUGHNESS (BENDTSEN) TOP SIDE INDIVIDUAL 58 – 99 GSM 100 – 120 GSM 125 – 140 GSM WIRE SIDE 58 – 99 GSM 100 – 120 GSM 125 – 140 GSM QS/TM/48 , ISO 8791 – 2	ml/min  ml/min	140 (± 40) 160 (± 40) 210 (± 40) 240 (± 40) 260 (± 40) 310 (± 40)

**CONSTRUCTION**



**Note :-**

- 1.) All Properties are according to ITC Limited, PSPD Unit:BCM Measurements
- 2.) Test Climate 23°C/50%RH (Conditioning as per Tappi T 402 sp-98)
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples