



Enduring Value

**ITC LIMITED - PAPERBOARDS AND SPECIALTY PAPERS DIVISION**

**UNIT:- BHADRACHALAM**

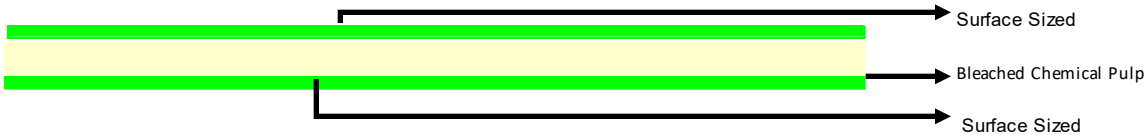
**SPECIFICATION SHEET**

**GRADE NAME : HI BRITE PAPER**  
**GRADE ID : 6HB**

SUBSTANCE (GSM)(Avg) QS/TM55 TAPPI T 410
54 56 58 60 64 65 66 68 70 75 78 80 85 90 95 100 105 110 120 130
TOL : ± 5%

PARAMETERS		54-58	60- 65	66-80	85-105	110-130
TEAR FACTOR(AVG OF MD & CD) QS/TM57, 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/TM09, TAPPI T 441						
BREAKING LENGTH						
MD	mts	4200 MIN	4200 MIN	4200 MIN	4000 MIN	4000 MIN
CD		2300 MIN	2300 MIN	2300 MIN	2300 MIN	2300 MIN
QS/TM59, TAPPI T 494						
MOISTURE						
QS/TM35, TAPPI T 412	%	5.0±1.0	5.0±1.0	5.0±1.0	5.0±1.0	5.0±1.0
BRIGHTNESS						
QS/TM77, TAPPI T 452	%	89 MIN	89 MIN	89 MIN	89 MIN	89 MIN
OPACITY						
QS/TM80, TAPPI T 519	%	82 MIN	85 MIN	88 MIN	89 MIN	90 MIN
WAX PICK						
TOP SIDE	NO	12A MIN	12A MIN	12A MIN	12A MIN	12A MIN
WIRE SIDE		12A MIN	12A MIN	12A MIN	12A MIN	12A MIN
QS/TM62, TAPPI T 459						
ROUGHNESS (BENDTSEN)						
TOP SIDE (AVG)	ml/min	230 MAX	230 MAX	265 MAX	285 MAX	300 MAX
WIRE SIDE (AVG)		130 MAX	145 MAX	165 MAX	180 MAX	190 MAX
QS/TM48, 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