



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

**SPECIFICATION SHEET**

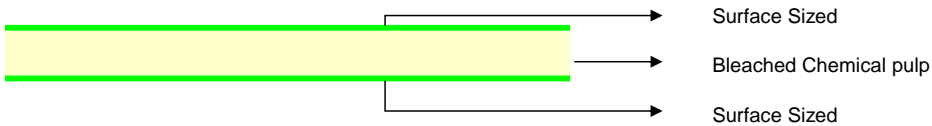
**GRADE NAME : HIZINE PAPER**  
**GRADE ID : HZP**

**SPEC NO : HZP/GEN/PSPD/BCM/II/04**  
**FORMAT : F/QISD/1**

SUBSTANCE (GSM) QS/TM/55 TAPPI T 410	CALIPER (microns) QS/TM/06 TAPPI T 411
60	84
62	87
64	90
68	95
70	98
75	105
80	112
90	126
95	133
100	140
120	168
130	182
TOL : ± 5%	± 5%

PARAMETERS	UNITS	VALUE
TEAR FACTOR QS/TM/57, TAPPI T 414 om - 98		46 MIN
COBB TOP SIDE WIRE SIDE QS/TM/09, TAPPI T 441 om - 98	GSM	28 MAX 28 MAX
BREAKING LENGTH UPTO 80 GSM MD CD 90 TO 100 GSM MD CD 100 AND ABOVE GSM MD CD QS/TM/59, TAPPI T 494	mtrs	4300 MIN 2800 MIN 4000 MIN 2800 MIN 3600 MIN 2800 MIN
MOISTURE QS/TM/35, TAPPI T 412 om - 94	%	5.0 - 6.0
BRIGHTNESS QS/TM/03, TAPPI T 452 om - 98	%	90(-2)
OPACITY 58 - 69 GSM 70-79 GSM 80-89 GSM 90-99 GSM 100 GSM & ABOVE	%	86(-2) 88(-2) 89(-2) 92(-2) 95(-2)
WAX PICK TOP SIDE WIRE SIDE	NO	11A MIN 11A MIN
QS/TM/62, TAPPI T 459 0m - 93 ROUGHNESS (BENDTSEN) TOP SIDE AVG 58 - 80 GSM 90 GSM & ABOVE WIRE SIDE AVG 58 - 80 GSM 90 GSM & ABOVE QS/TM/48, ISO 8791 – 2	ml/min	225 MAX 275 MAX 250 MAX 300 MAX
HOT WATER pH		7.0 - 8.0

**CONSTRUCTION**



**Note :**

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