

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



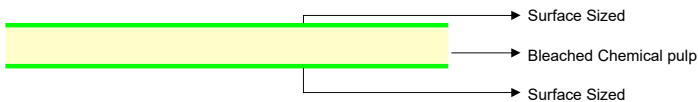
SPECIFICATION SHEET

GRADE NAME : HIZINE PAPER
GRADE ID : HZP

SUBSTANCE (GSM) QS/TM/55 TAPPI T 410	CALIPER (microns) QS/TM/06 TAPPI T 411
60	84
62	87
64	90
65	91
68	95
70	98
75	105
78	109
80	112
90	126
95	133
100	140
110	154
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 ABOVE 100 GSM MD CD	mtrs	4500 MIN 2800 MIN 4200 MIN 2800 MIN 4000 MIN 2800 MIN
QS/TM/59, TAPPI T 494		
MOISTURE QS/TM/35, TAPPI T 412 om - 94	%	5.0 - 6.0
BRIGHTNESS QS/TM/03, ISO 2470 om - 98	%	88 MIN
OPACITY Upto 70 GSM 75 - 80 GSM 90 - 100 GSM ABOVE 100 GSM	%	86 MIN 88 MIN 92 MIN 95 MIN
WAX PICK TOP SIDE WIRE SIDE	NO	12A MIN 12A MIN
QS/TM/62, TAPPI T 459 0m - 93 ROUGHNESS (BENDTSEN)	ml/min	
TOP SIDE AVG 58 - 80 GSM 90 GSM & ABOVE WIRE SIDE AVG		180 MAX 220 MAX
58 - 80 GSM 90 GSM & ABOVE QS/TM/48, ISO 8791 - 2		200 MAX 250 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
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random