



ITC LIMITED - PAPER BOARDS AND SPECIALTY PAPERS DIVISION
UNIT :- Kovai

DEVELOPMENT SPECIFICATION SHEET

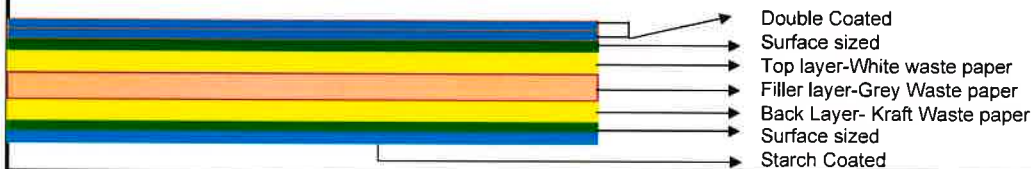
Grade Name :KHBL- RCT BOARD COATED

SPEC NO : QC/SP/025

SUBSTANCE (GSM) (Avg.)	CALIPER (μM) (Avg.)	BENDING RESISTANCE(L&W) mN			RCT-CD(kN/m)
QC/SOP/96 Tappi T 410	QC/SOP/97 Tappi T 411	QC/SOP/105 Tappi T 556			Tappi T818
		MD	CD	GM	
200	244	71	38	52	2.00
210	256	82	44	60	2.00
220	268	95	50	69	2.10
230	281	108	58	79	2.10
240	293	122	65	89	2.20
250	305	139	74	101	2.20
260	325	156	83	114	2.30
TOL : ± 4%	± 5%			-15%	±10%

PARAMETER	UNITS	VALUE
Burst Factor (Avg.)		22 ± 1
QC/SOP/141 , Tappi T 403		
PLY BOND (Avg.)	J/m ²	140 MIN
QC/SOP/101 , Tappi T 569		
ROUGHNESS PPS (Avg.) TOP	μm	2.0 Max
QC/SOP/102 , Tappi T 555		
BRIGHTNESS ISO TOP	%	75 MIN
QC/SOP/110 , ISO 2470		
SURFACE STRENGTH	m/s	
IGT PICK (MED.VISCOSITY)		
TOP		0.70 MIN
QC/SOP/104 , ISO 3782 & 3783		
GLOSS AT 75° (Avg.)	%	
TOP		38 MIN
QC/SOP/103 , Tappi T 480		
MOISTURE	%	
GSM ≤ 300		7.0 ± 1.0
QC/SOP/99 , Tappi T 412		
COBB (60 sec)*		
TOP		40 Max
BOT		50 Max
QC/SOP/100 , Tappi T 441		

CONSTRUCTION



Note :

- 1.) All Properties are according to ITC Limited, PSPD Unit:Kovai Measurements
- 2.) Test Climate 23°C ± 1 & 50% ± 2 RH
- 3.) Tolerances are based upon 95% Confidence limits of single mill measurements of conditioned random samples

APPROVED BY	Head - Marketing	ISSUED BY	Head - Technical Cell
SIGNATURE		SIGNATURE	
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