



**ITC LIMITED - PAPER BOARDS AND SPECIALTY PAPERS DIVISION**  
**UNIT :- BHADRACHALAM**

**SPECIFICATION SHEET**

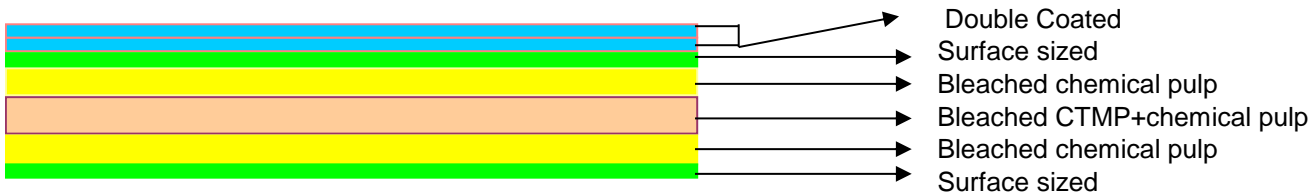
**Grade Name : PEARL XL PAC (Packaging)**  
**Grade Id : PXP**

**SPEC NO : PXP/GEN/PSPD/BCM/006**  
**Format No : F/QISD/1**

SUBSTANCE (GSM)	CALIPER (uM)	BENDING RESISTANCE(L&W) mN		
		QS/TM/33		Tappi T 556
QS/TM/55 Tappi T 410	QS/TM/06 Tappi T 411	MD	CD	GM
200	300	105	58	78
230	345	180	90	128
250	375	249	124	176
260	390	276	135	193
270	405	306	149	213
280	420	332	161	231
290	435	356	175	249
300	450	462	196	301
320	480	550	259	377
350	525	638	297	435
360	540	682	330	474
370	555	715	352	502
380	570	748	363	521
400	600	924	451	646
TOL : ± 3%	± 5%			-15%

PARAMETER	UNITS	VALUE
PLY BOND (Avg.) QS/TM/40 , Tappi T 569	J/m <sup>2</sup>	150 MIN
ROUGHNESS PPS (Avg.) TOP GSM ≤ 280 GSM > 280 QS/TM/49 , Tappi T 555	µm	1.5 MAX 2.0 MAX
BRIGHTNESS ISO TOP QS/TM/04 , ISO 2469	%	85 MIN
WHITENESS CIE TOP QS/TM/66 , Tappi T 560	%	85 MIN
COBB 1MIN QS/TM/09 , Tappi T 441		50 Max 100 Max
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) TOP QS/TM/31 , ISO 3782 & 3783		0.7 MIN
GLOSS AT 75° (Avg.) TOP QS/TM/27 , Tappi T 480	%	40 MIN
MOISTURE GSM ≤ 300 GSM > 300 QS/TM/35 , Tappi T 412	%	7.0 ± 1.0 8.0 ± 1.0

**CONSTRUCTION**



**Note :**  
 1.) All Properties are according to ITC Limited, PSPD Unit:BCM 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