



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

**SPECIFICATION SHEET**

Grade Name : FiloTub

SPEC NO : FTB/PSPD/BCM/004  
Format No : F/QISD/1

SUBSTANCE (GSM) (Avg.)	CALIPER (µM) (Avg.)	Bulk	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
228	355	1.56	138	71	99
248	390	1.57	160	85	117
258	405	1.57	187	103	139
278	440	1.58	203	112	151
298	470	1.58	280	146	202
308	488	1.58	331	168	236
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	µm	1.60 MAX 1.80 MAX 2.00 MAX
GSM ≤ 250 250 < GSM ≤ 340 GSM > 340 QS/TM/49 , Tappi T 555		
BRIGHTNESS (ISO) TOP	%	85 MIN
QS/TM/77 , Tappi T 452		
WHITENESS CIE TOP	%	85 MIN
QS/TM/78 , Tappi T 560		
SURFACE STRENGTH IGT PICK (MED.VISCOSITY) TOP		0.7 MIN
QS/TM/31 , ISO 3782 & 3783		
COBB(180seconds) TOP BOTTOM	g/m <sup>2</sup>	< 50 < 1
QS/TM/81, Tappi T 441		
GLOSS AT 75° (Avg.) TOP	%	35 Min
QS/TM/27 , Tappi T 480		
MOISTURE GSM ≤ 300 GSM >300 QS/TM/35 , Tappi T 412	%	7.0 ± 1.0 8.0 ± 1.0
3M KIT VALUE BOTTOM	Number	12+
QS/TM/27 , Tappi T 480		

**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
- 4) **Water, Grease Resistant & Heat Sealable**