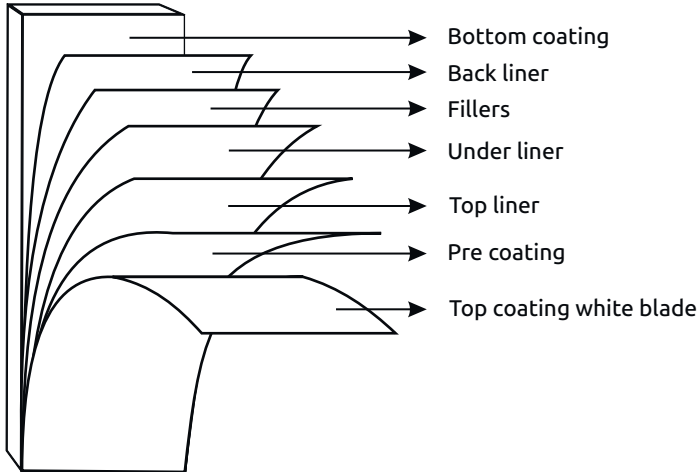


SPECIFICATION SHEET

Pixel Shield

GSM : 210 - 450

(White Back Paper Board)



Application

1. Packaging board
2. Printing job

Recommended for Multi-color printing

1. Letter press

PROTON

SUBSTANCE		CALIPER	BULK	STIFFNESS			PARAMETERS		
GSM	MICRONS	CC/GM	MD	CD	GM				
210	234	1.11	33	15	22	Plybond Tappi T- 569	J/m ²	160 (Min)	
230	260	1.13	42	19	32	Smoothness ISO-8791-3	ml/min	60 (Max)	
250	285	1.14	60	27	40	IGT Dry Pick (IV) ISO-3782	m/sec	> 1.00	
280	328	1.15	90	40	60	Brightness (Top) Tappi T 452 om 98	%	79 + 1	
300	346	1.15	105	46	69	Brightness (Bottom) Tappi T 452 om 98	%	73 +/- 1	
320	375	1.17	125	55	83	Gloss at 75° Tappi T 480	%	42 +/- 3	
350	413	1.18	155	70	104	Cobb Top Tappi T 441 om 98	g/m ²	50 (max)	
380	456	1.20	195	88	131	Cobb Back Tappi T 441 om 98	g/m ²	60 (Max)	
400	488	1.22	230	102	153	Moisture 200-260 GST Tappi T 412 om 02	%	6.5 +/- 0.5	
420	517	1.23	255	115	171	261-350 GST Tappi T 412 om 02	%	7.0 +/- 0.5	
450	558	1.24	295	130	196	351-VOO GST Tappi T 412 om 02	%	7.5 +/- 0.5	
Tolerance						Burst Factor Tappi T 403	-	14 +/- 2 For <=230 GSM	
± 3%	± 5%	± 5%	± 10%			Burst Factor Tappi T 403	-	13 +/- 2 For > 230 GSM	