

# SUN PRIME

DUPLEX PAPER BOARD



Greyback duplex Paper Boards is made with different grade of pulp layers while the top layers is made of virgin paper waste while bottom layer made of grey paper waste. Diyan's semi coated duplex board used for commercial casing and packaging requirements.

## TECHNICAL SPECIFICATIONS

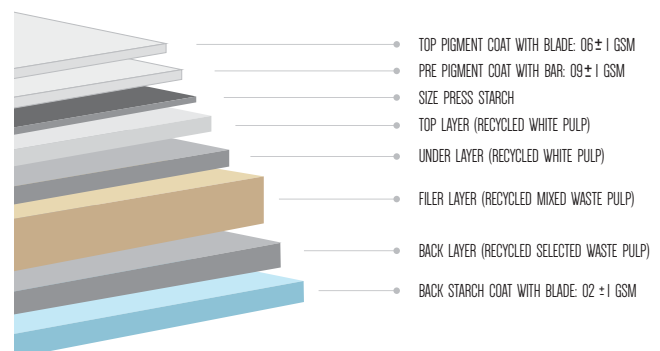
SUBSTANCE (GSM) TAPPI T 410 OM - 02	CALIPER (MICRONS) TAPPI T411 OM - 97	BULK (CC/GM)	Stiffness ( Taber ) gm.cm Tappi T 489 om 99		
			MD	CD	GM
200	250	1.25	45	20	30
210	263	1.25	50	22	33
230	288	1.25	60	26	39
250	315	1.26	70	30	46
260	328	1.26	75	32	49
270	340	1.26	87	38	57
285	359	1.26	105	45	69
296	373	1.26	115	50	76
310	397	1.28	125	55	83
320	410	1.28	145	65	97
330	422	1.28	153	66	100
340	435	1.28	161	70	106
350	448	1.28	170	75	113
360	468	1.30	185	80	122
370	481	1.30	202	88	133
380	494	1.30	220	95	145
400	528	1.32	255	110	167
410	541	1.32	265	115	175
420	555	1.32	285	124	188
430	568	1.32	291	127	192
440	581	1.32	298	130	197
450	594	1.32	312	136	206
Tol ± 3%	± 5%	± 5%	± 10%		

Parameters	Unit	Test Procedure	Values
Plybond	FT. LB/1000 In <sup>2</sup>		80 (Min)
Smoothness	ml/min		160 (Max)
IGT Dry Pick (MV)	m/sec	Tappi T 514	1.0
Brightness (Top)	%	Tappi T 452 om 98	75 (Min)
Gloss at 75°	%	Tappi T 480 om 92	35 (Min)
Cobb Top	g/m <sup>2</sup>	Tappi T 441 om 98	50 (Max)
Cobb Back	g/m <sup>2</sup>		60 (Max)
Moisture 200 - 260 GSM	%	Tappi T 412 om 02	6.5 ± 0.5
261 - 350 GSM		Tappi T 412 om 02	7.0 ± 0.5
351 - 400 GSM		Tappi T 412 om 02	7.5 ± 0.5
Burst Factor		Tappi T 807	15 (Min)

### Notes

- \*Product certified by CFTRI under USDA 176.170 Test Method
- \*Low levels of heavy metals (Each < 20 ppm)
- \*Suitable for high quality embossing, Foil Stamping
- \*Used in multi purpose post print application.
- \*Board for blister pack, Polycoatings product on demand

### Board Construction



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