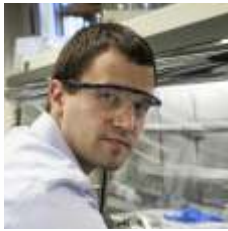


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Our innovative solutions to meet a diverse cross-section of packaging and communication needs have helped us carve a unique niche for ourselves. With emphasis on harnessing state-of-the-art technology, we have emerged as the largest manufacturer of Packaging and Graphic Boards in Morbi, Gujarat

The paper plant is located 22.6 km from Morbi(Guj.)INDIA. The current capacity is about 200 Ton/day. with the manufacturing process based on the recycling of scrap paper both imported and domestic. Apart from this some purchased pulp is also used.

Paper Manufacturing Unit and Packing Divisions are aimed at bringing the company closer to its end consumer industries and delivering a quality product consistently by implementing an organized quality assurance system. The company's future investments will be oriented to delivering quality packaging fully integrated with logistics support to the plants of its key customers at multiple geographic locations in the country.



MANUFACTURING STANDARDS

Reels

Minimum :400 mm
Maximum:1600mm

Reel outer diameter

Minimum :900 mm
Maximum :1300 mm

Sheets

Minimum:450 x 450 mm
Maximum: 1650 x 1650 mm

Machine deckle

3200 mm





White back duplex is the premium duplex paper board which made of high graded recycled pulp and best quality surface treatment. This white back duplex paper used as replacement of virgin paper board in Medicine Boxes, Soaps & Cosmetics packing, Book Covers and similar packaging applications.

TECHNICAL SPECIFICATIONS

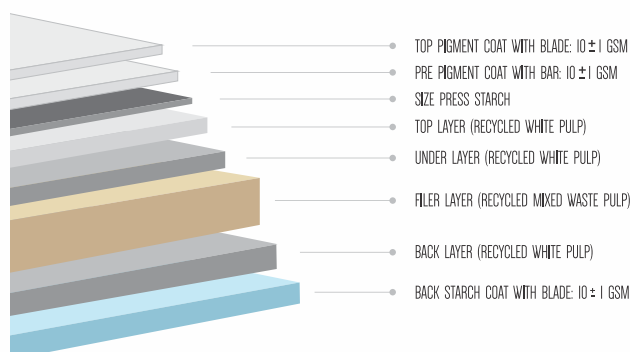
SUBSTANCE (GSM) TAPPI T 410 OM - 02	CALIPER (MICRONS) TAPPI T411 OM - 97	BULK (CC/GM)	Stiffness (Taber) gm.cm Tappi T 489 om 99		
			MD	CD	GM
250	288	1.15	65	28	43
260	304	1.17	70	30	46
285	333	1.17	90	40	60
296	346	1.17	105	46	69
310	366	1.18	118	52	78
320	378	1.18	125	55	83
330	389	1.18	135	58	88
340	401	1.18	145	63	96
350	413	1.18	155	70	104
360	425	1.18	170	75	113
370	437	1.18	187	81	123
380	456	1.20	205	89	135
390	468	1.20	222	97	147
400	488	1.22	240	110	162
Tol $\pm$ 3%	$\pm$ 5%	$\pm$ 5%	$\pm$ 10%		

Parameters	Unit	Test Procedure	Values
Plybond	FT. LB/1000 In ²		80 (Min)
Smoothness	ml/min		70 (Max)
IGT Dry Pick (MV)	m/sec	Tappi T 514	1.0
Brightness (Top)	%	Tappi T 452 om 98	78 (Min)
Brightness (Bottom)	%		71 (Min)
Gloss at 75°	%	Tappi T 480 om 92	40 (Min)
Cobb Top	g/m ²	Tappi T 441 om 98	50 (Max)
Cobb Back	g/m ²		60 (Max)
Moisture 200 - 260 GSM	%	Tappi T 412 om 02	6.5 $\pm$ 0.5
261 - 350 GSM		Tappi T 412 om 02	7.0 $\pm$ 0.5
351 - 400 GSM		Tappi T 412 om 02	7.5 $\pm$ 0.5
Burst Factor		Tappi T 807	15 (Min)

Notes

- *Low levels of heavy metals (Each < 20 ppm)
- *Suitable for high quality offset & gravure printing
- *Suitable for high quality embossing, Foil Stamping
- *Board for blister pack, Polycoatings product on demand

Board Construction



STAR PRIME PLUS

BLUISH WHITE DUPLEX PAPER BOARDS



Bluish White Grayback duplex paper boards maintain best quality through top layer of virgin paper waste while bottom layer made of grey paper waste. Diyan's Greyback is high stiffness board with nice printable surface and best fiber strength, thus its best fit for economical packaging requirements.

TECHNICAL SPECIFICATIONS

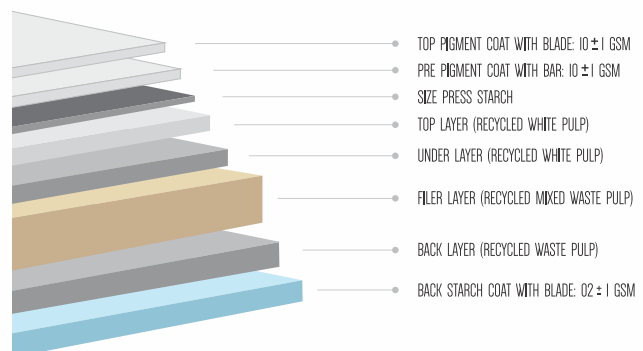
SUBSTANCE (GSM) TAPPI T 410 OM - 02	CALIPER (MICRONS) TAPPI T411 OM - 97	BULK (CC / GM)	Stiffness (Taber) gm.cm Tappi T 489 om 99		
			MD	CD	GM
200	244	1.22	36	16	24
210	256	1.22	40	17	26
230	285	1.24	50	22	33
250	315	1.26	65	28	43
260	328	1.26	70	30	46
285	359	1.26	95	42	63
296	373	1.26	110	50	74
310	394	1.27	120	55	81
320	406	1.27	135	60	90
330	419	1.27	145	63	96
340	435	1.28	155	67	102
350	448	1.28	165	75	111
360	461	1.28	180	80	120
370	474	1.28	196	87	131
380	486	1.28	213	95	142
390	507	1.30	229	103	154
400	520	1.30	245	110	164
Tol ± 3%			± 10%		

Parameters	Unit	Test Procedure	Values
Plybond	FT. LB/1000 In ²		80 (Min)
Smoothness	ml/min		70 (Max)
IGT Dry Pick (MV)	m/sec	Tappi T 514	1.0
Brightness (Top)	%	Tappi T 452 om 98	78 (Min)
Gloss at 75°	%	Tappi T 480 om 92	40 (Min)
Cobb Top	g/m ²	Tappi T 441 om 98	50 (Max)
Cobb Back	g/m ²		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

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- *Board for blister pack, Polycoatings product on demand

Board Construction



DIYAN PAPERS LLP.

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+91 97277 43666 | Info@diyanpapers.com | www.diyanpapers.com



Greyback duplex paper boards maintain best quality through top layer of virgin paper waste while bottom layer made of grey paper waste. Diyan's Greyback is high stiffness board with nice printable surface and best fiber strength, thus its best fit for economical packaging requirements.

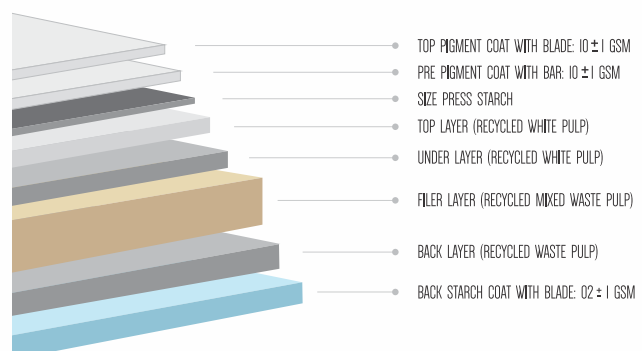
TECHNICAL SPECIFICATIONS

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	244	1.22	36	16	24
210	256	1.22	40	17	26
230	285	1.24	50	22	33
250	315	1.26	65	28	43
260	328	1.26	70	30	46
285	359	1.26	95	42	63
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360	461	1.28	180	80	120
370	474	1.28	196	87	131
380	486	1.28	213	95	142
390	507	1.30	229	103	154
400	520	1.30	245	110	164
Tol ± 3%	± 5%	± 5%	± 10%		
Parameters	Unit	Test Procedure		Values	
Plybond	FT. LB/1000 In²			80 (Min)	
Smoothness	ml/min			70 (Max)	
IGT Dry Pick (MV)	m/sec	Tappi T 514		1.0	
Brightness (Top)	%	Tappi T 452 om 98		78 (Min)	
Gloss at 75°	%	Tappi T 480 om 92		40 (Min)	
Cobb Top	g/m²	Tappi T 441 om 98		50 (Max)	
Cobb Back	g/m²			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

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- *Suitable for high quality embossing, Foil Stamping
- *Board for blister pack, Polycoatings product on demand

Board Construction





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.

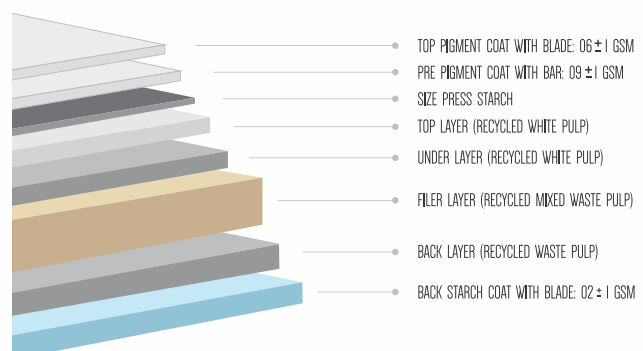
TECHNICAL SPECIFICATIONS

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	345	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	22	95	145
400	528	1.32	255	110	167
Tol ± 3%	± 5%	± 5%	± 10%		
Parameters	Unit	Test Procedure		Values	
Plybond	FT. LB/1000 In²			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/m²	Tappi T 441 om 98		50 (Max)	
Cobb Back	g/m²			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

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Board Construction



Why To Choose Diyan Papers?



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