

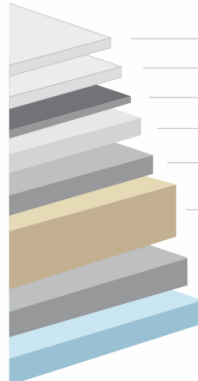
Duplex White Back (STB)Technicle Data Sheet

Substance (GSM)		Caliper	Bulk(cc/gm)	Stiffness(Taber) gm.cm TAPPI T489 OM-99		
TAPPI T 410 OM - 02	TAPPI T 441 OM - 97			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		1.2	205	89	135
390	468		1.2	222	97	147
400	488		1.22	240	110	162
TOL ± 3%		±5%	±5%		±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	T514	1.0
Brightness (Top)	%	TAPPI T452 OM 98	78(Min)
Brightness(Bottom)	%	TAPPI T452 OM 98	71(Min)
Gloss at 75°	%	TAPPI T480 OM 92	40(Min)
Cobb Top	g/m ²	TAPPI T441 OM 98	50(Max)
Cobb Back	g/m ²	TAPPI T441 OM 98	60(Max)
Moisture 200-260 GSM		TAPPI T412 OM 02	6.5±0.5
260-350 GSM	%	TAPPI T412 OM 02	7.0±0.5
351-400 GSM		TAPPI T412 OM 02	7.5±0.5
Burst Factor		TAPPI T807	15(Min)

Notes

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



TOP PIGMENT COAT WITH BLADE: 10 ±1 GSM
PRE PIGMENT COAT WITH BAR: 10 ±1 GSM
SIZE PRESS STARCH
TOP LAYER (RECYCLED WHITE PULP)
UNDER LAYER (RECYCLED WHITE PULP)
FILER LAYER (RECYCLED MIXED WASTE PULP)
BACK LAYER (RECYCLED WHITE PULP)
BACK PIGMENT COAT WITH BLADE: 10±1 GSM

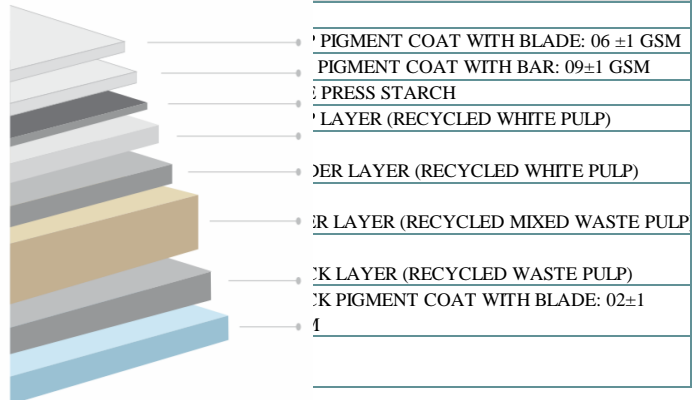
Duplex GREY Back (SUP-LWC)Technicle Data Sheet

Substance (GSM)	Caliper	Bulk(cc/gm)	MD	CD	GM
TAPPI T 410 OM - 02	TAPPI T 441 OM - 97				
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	222	95	145
400	528	1.32	255	110	167
TOL ± 3%	±5%	±5%		±10%	

Parameters	Unit	Test Procedure	Values
Plybond	FT. LB /1000 In ²		80(Min)
Smoothness	ml/min		160(Max)
IGT Dry Pick (MV)	m/sec	TAPPI T514	1.0
Brightness (Top)	%	TAPPI T452 OM 98	75(Min)
Gloss at 75°	%	TAPPI T480 OM 92	35(Min)
Cobb Top	g/m ²	TAPPI T441 OM 98	50(Max)
Cobb Back	g/m ²	TAPPI T441 OM 98	60(Max)
Moisture 200-260 GSM		TAPPI T412 OM 02	6.5±0.5
260-350 GSM	%	TAPPI T412 OM 02	7.0±0.5
351-400 GSM		TAPPI T412 OM 02	7.5±0.5
Burst Factor		TAPPI T807	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



Duplex GREY Back (STP-HWC)Technicle Data Sheet

Substance (GSM)	Caliper	Bulk(cc/gm)	Stiffness(Taber) gm.cm TAPPI T489 OM-99		
TAPPI T 410 OM - 02	TAPPI T 441 OM - 97		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%	±5%	±5%		±10%	

Parameters	Unit	Test Procedure	Values
Plybond	FT. LB /1000 In ²		80(Min)
Smoothness	ml/min		160(Max)
IGT Dry Pick (MV)	m/sec	TAPPI T514	1.0
Brightness (Top)	%	TAPPI T452 OM 98	75(Min)
Gloss at 75°	%	TAPPI T480 OM 92	35(Min)
Cobb Top	g/m ²	TAPPI T441 OM 98	50(Max)
Cobb Back	g/m ²	TAPPI T441 OM 98	60(Max)
Moisture 200-260 GSM		TAPPI T412 OM 02	6.5±0.5
260-350 GSM	%	TAPPI T412 OM 02	7.0±0.5
351-400 GSM		TAPPI T412 OM 02	7.5±0.5
Burst Factor		TAPPI T807	15(Min)

Notes

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

