

H.W.C PAPER

GREY BACK DUPLEX BOARD (PREMIUM HWC)

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 OR 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
410	533	1.30	255	115	171
420	555	1.32	275	120	182
430	568	1.32	281	122	185
440	581	1.32	288	125	190
450	594	1.32	300	130	197
Tol +- 3%	+ - 5%	+ - 5%	+ - 10%		

PARAMETERS	UNIT	TEST PROCEDURE	VALUES
Plybond	FT. LB/1000In ²	Tappi T- 403	80 (Min)
Smoothness	ml/min	ISO-8791-2	70 (Max)
IGT Dry Pick (MV)	m/sec	Tappi T 459 om 99	1.0
Brightness (Top)	%	Tappi T 452 om 98	78 (Min)
Gloss at 75°	%	Tappi T 480	40 (Min)
Cobb Top	g/m ²	Tappi T 441 om 98	50 (Max)
Cobb Back	g/m ²	Tappi T 441 om 98	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 403	15(Min) For ≤ 300 GSM 12(Min) For > 300 GSM

BOARD CONSTRUCTION

