CORE BOARD

TARGET CHARACTERISTICS							
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**250**	**300**	**350**	**400**
Gsm	%	g/m^2	ISO 536	**250**	**300**	**350**	**400**
Moisture	%	%	ISO 287	6,5	6,5	6,5	6,5
Bursting strength	Min.	kPa	ISO 2758	375	450	525	600
Burst index	Min.	$kPa.m^2/g$	ISO 2758	1,5	1,5	1,5	1,5
Plybond	Min.	j/m^2	T 569 om-09	400	400	400	400

GUARANTEED CHARACTERISTICS							
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**250**	**300**	**350**	**400**
Gsm	±5%	g/m^2	ISO 536	**250**	**300**	**350**	**400**
Moisture	±3%	%	ISO 287	6,5	6,5	6,5	6,5
Bursting strength	Min.	kPa	ISO 2758	288	345	403	460
Burst index	Min.	$kPa.m^2/g$	ISO 2758	1,15	1,15	1,15	1,15

C WHITE TEST LINER

cWTTL(White Top Testliner, Coated)									
PROPERTY	**TOLERANCE**	**UNIT**	**GSM&STANDART**	**140**	**160**	**180**	**195**	**210**	**230**
Bursting strength	Min.	kPa	ISO 2758	238	272	306	331,5	357	391
Burst index	Min.	$kPa.m^2/g$	ISO 2758	1,7	1,7	1,7	1,7	1,7	1,7
SCT CD	Min.	kN/m	ISO 9895	1,9	2,15	2,45	2,66	2,85	3,10
$COBB_{60}$ TOP	Max.	g/m^2	ISO 535	50	50	50	50	50	50
Bentsen Roughness	Max.	ml/dak	ISO8791-2	400	400	400	400	400	400
Iso Brightness	Min.	%	ISO 2470-1	76	76	76	76	76	76

FLUTING

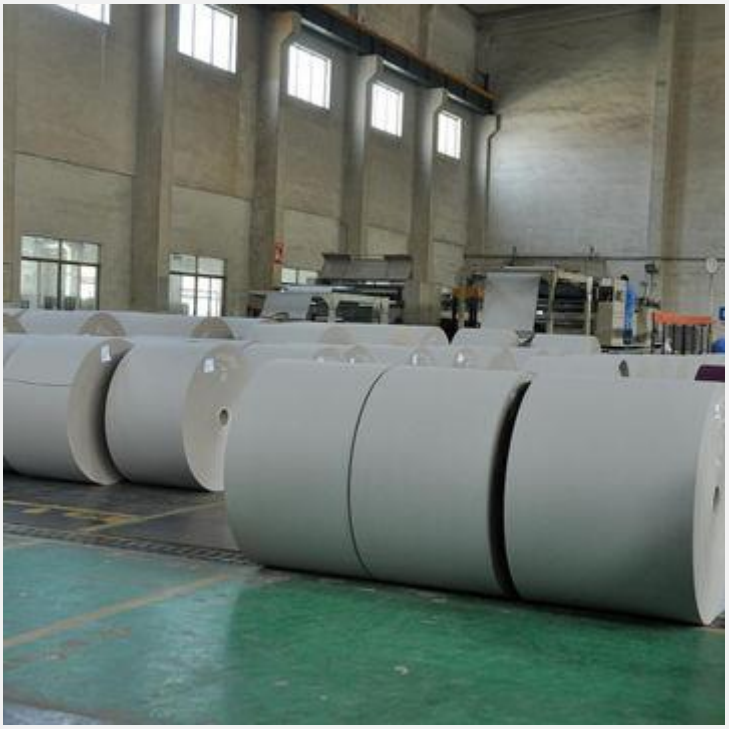
TARGET CHARACTERISTICS															
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**75**	**80**	**85**	**90**	**100**	**112**	**120**	**135**	**140**	**150**	**175**	**200**
Gsm	%	g/m²	ISO 536	**75**	**80**	**85**	**90**	**100**	**112**	**120**	**135**	**140**	**150**	**175**	**200**
Moisture	%	%	ISO 287	8	8	8	8	8	8	8	8	8	8	8	8
SCT CD	Min.	kN/m	ISO 9895	1,2	1,3	1,5	1,5	1,7	1,8	2,2	2,4	2,5	2,6	3,1	3,6

GUARANTEED CHARACTERISTICS															
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**75**	**80**	**85**	**90**	**100**	**112**	**120**	**135**	**140**	**150**	**175**	**200**
Gsm	±5%	g/m²	ISO 536	**75**	**80**	**85**	**90**	**100**	**112**	**120**	**135**	**140**	**150**	**175**	**200**
Moisture	±3%	%	ISO 287	8	8	8	8	8	8	8	8	8	8	8	8
SCT CD	kN/m	kN/m	ISO 9895	1,10	1,20	1,30	1,35	1,50	1,65	1,92	2,15	2,20	2,35	2,80	3,20

GREY BOARD

TARGET CHARACTERISTICS								
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**320**	**330**	**340**	**350**	**375**
Gsm	%	g/m^2	ISO 536	**320**	**330**	**340**	**350**	**375**
Moisture	%	%	ISO 287	6,5	6,5	6,5	6,5	6,5
Bursting strength	Min.	kPa	ISO 2758	384	396	408	420	450
Burst index	Min.	$kPa.m^2/g$	ISO 2758	1,2	1,2	1,2	1,2	1,2
Strength	Min.	j/m^2	T 569 om-09	280	280	280	280	280

GUARENTEED CHARACTERISTIC								
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**320**	**330**	**340**	**350**	**375**
Gsm	±5%	g/m^2	ISO 536	**320**	**330**	**340**	**350**	**375**
Moisture	±3%	%	ISO 287	6,5	6,5	6,5	6,5	6,5
Bursting strength	Min.	kPa	ISO 2758	320	330	340	350	375
Burst index	Min.	$kPa.m^2/g$	ISO 2758	1	1	1	1	1



HP FLUTING

TARGET CHARACTERISTICS										
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**100**	**110**	**130**	**135**	**140**	**150**	**175**
Gsm	Range	g/m²	ISO 536	**100**	**110**	**130**	**135**	**140**	**150**	**175**
Moisture	Range	%	ISO 287	8	8	8	8	8	8	8
SCT CD	kN/m	kN/m	ISO 9895	1,9	2,1	2,4	2,5	2,6	2,8	3,3
SCT CD Index		kN.m/kg	ISO 9895	19	19	19	19	19	19	19

GUARANTEED CHARACTERISTICS										
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**100**	**110**	**130**	**135**	**140**	**150**	**175**
Gsm	±5%	g/m²	ISO 536	**100**	**110**	**130**	**135**	**140**	**150**	**175**
Moisture	±3%	%	ISO 287	8	8	8	8	8	8	8
SCT CD	kN/m	ISO 9895	ISO 9895	1,7	1,9	2,2	2,3	2,4	2,6	3,0
SCT CD Index		kN.m/kg	ISO 9895	17	17	17	17	17	17	17

ASL PAPER

TESTLINER

GUARANTEED CHARACTERISTICS												
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**90**	**100**	**110**	**120**	**135**	**140**	**150**	**175**	**200**
Gsm	±5%	g/m^2	ISO 536	**90**	**100**	**110**	**120**	**135**	**140**	**150**	**175**	**200**
Moisture	±3%	%	ISO 287	8	8	8	8	8	8	8	8	8
Bursting strength	Min.	kPa	ISO 2758	144	175	209	228	257	266	285	333	380
Burst index	Min.	kPa.m2/g	ISO 2758	1,60	1,75	1,90	1,90	1,90	1,90	1,90	1,90	1,90
SCT CD	Min.	kN/m	ISO 9895	1,4	1,5	1,7	1,8	2,0	2,1	2,3	2,6	3,0
SCT CD INDEX	kN.m/kg		ISO 9895	15,6	15,0	15,0	15,0	15,0	15,0	15,0	15,0	15,0
$COBB_{60}$ TOP	Max.	g/m^2	ISO 535	60	60	60	60	60	60	60	60	60

ASL PAPER

KRAFTLINER

TARGET CHARACTERISTICS														
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**100**	**115**	**135**	**150**	**175**	**186**	**200**	**250**	**275**	**300**	**350**
Gsm	%	g/m^2	ISO 536	**100**	**115**	**135**	**150**	**175**	**186**	**200**	**250**	**275**	**300**	**350**
Moisture	%	%	ISO 287	9	9	9	9	9	9	9	9	9	9	9
Bursting strength	Min.	kPa	ISO 2758	350	402	472	524	612	650	699	874	961	1.049	1.223
Burst index	Min.	kPa.m2/g	ISO 2758	3,50	3,50	3,50	3,50	3,50	3,50	3,50	3,50	3,50	3,50	3,50
SCT CD	Min.	kN/m	ISO 9895	1,8	2,1	2,4	2,7	3,2	3,3	3,6	4,5	5,0	5,4	6,3
SCT CD INDEX		kN.m/kg	ISO 9895	18	18	18	18	18	18	18	18	18	18	18
$COBB_{60}$	Max.	g/m^2	ISO 535	35	35	35	35	35	35	35	35	35	35	35

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MARKRAFT

TARGET CHARACTERISTICS						
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**110**	**130**	**150**
Gsm	%	g/m^2	ISO 536	**110**	**130**	**150**
Moisture	%	%	ISO 287	8,5	8,5	8,5
Bursting strength	Min.	kPa	ISO 2758	264	312	360
Burst index	Min.	kPa.m2/g	ISO 2758	2,40	2,40	2,40
SCT CD	Min.	kN/m	ISO 9895	2,1	2,5	2,9
SCT CD INDEX		kN.m/kg	ISO 9895	19	19	19
$COBB_{60}$ TOP	Max.	g/m^2	ISO 535	35	35	35

WHITE TOP TESTLINER (WTTL)

TARGET CHARACTERISTICS						
PROPERTY	**TOLERANCE**	**UNIT**	**GSM& STANDART**	**120**	**135**	**175**
Gsm	%	g/m^2	ISO 536	**120**	**135**	**175**
Moisture	%	%	ISO 287	8	8	8
Bursting strength	Min.	kPa	ISO 2758	242	272	352
Burst index	Min.	kPa.m2/g	ISO 2758	2,01	2,01	2,01
SCT CD	Min.	kN/m	ISO 9895	1,9	2,1	2,7
SCT CD index		kN.m/kg	ISO 9895	15,5	15,5	15,5
Bentsen Roughness	Max.	ml/dak	ISO8791-2	400	400	400
Iso Brightness	Min.	%	ISO 2470-1	73	73	73
$COBB_{60}$ TOP	Max.	g/m^2	ISO 535	35	35	35

DUPLEX BOARD

PROPERTY	UNIT	GSM&STANDARD	180	200	210	230	250	280	300	320	350	380	400
Grammage	g/m²	ISO 536	180	200	210	230	250	280	300	320	350	380	400
Taber 15° MD*	mNm		2,0	2,4	2,75	4,10	6,00	7,60	10,50	12,90	17,25	22,15	26,00
Taber 15° CD*	mNm		1,0	1,40	1,65	2,40	2,80	4,10	5,60	6,80	9,35	11,50	13,5
LW Stiffness 5° MD	mNm	DIN 53121	4,0	5,70	6,10	8,20	9,65	16,00	20,00	24,30	32,00	41,45	48,65
LW Stiffness 5° CD	mNm	DIN 53121	2,05	2,75	3,10	4,20	5,25	8,45	11,00	13,45	17,80	22,80	26,75
Thickness	(µm)	ISO 534	195	220	225	255	270	315	350	385	425	465	490
Brightness, top	%	ISO 2470-2	81	81	81	81	81	81	81	81	81	81	81

TOLERANCES	
PROPERTY	
Bending Stiffness	-15%
Brightness, top	-2 % +3
Grammage	±5%
Thickness	±7%

* Taber figures are calculated

Reel Core ID : 152 mm

ASL PAPER

Folding Box Board

(ROLL AND SHEET)

GSM : 190-450 GSM

PRINTING AND WRITING PAPERS

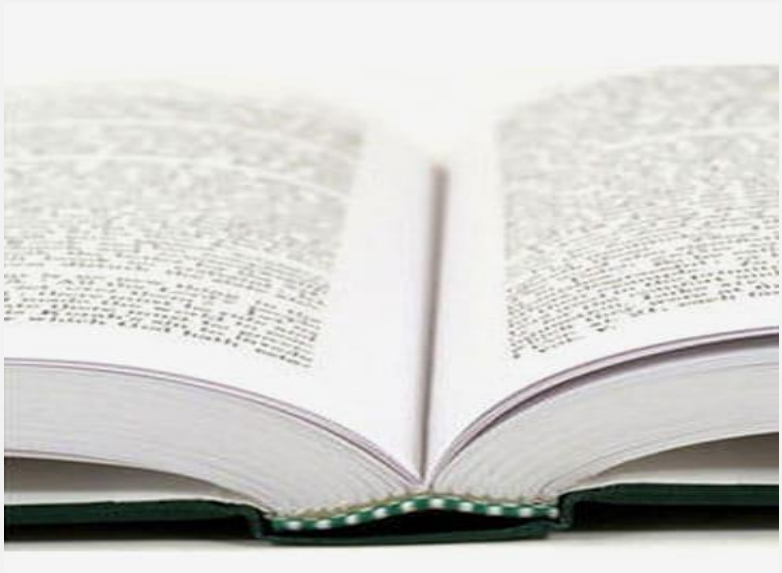
Woodfree Uncoated and Coated Papers

GSM: 50-350 GSM

It is used in the printing of works such as letterheads, books and brochures.

Book Papers

GSM: 52-80 GSM



Newsprint Papers

GSM: from 45-60 gsm

Ivory Papers & Chamois

GSM: from 45-170 GSM

They are uncoated papers developed for offset printing of books, promotional materials, handbooks and calendars.

Colored Woodfree Uncoated Papers (A3 and A4 SIZES)

IVORY BOARD (BRISTOL)

It is used in the covers of books, notebooks, brochures, packaging boxes of food, cosmetics and health products.

GSM: FROM 180 – 400 GSM

BRIEF CARDS PAPER

Brief cards produced from self-colored woodfree uncoated paper are used as file covers, front and back covers.

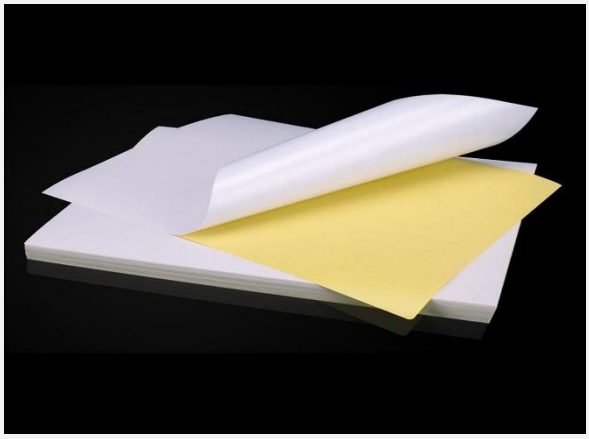
GSM: 150 - 300 GSM

Carbonless Paper CB-CFB- CF

This type of self-carbon paper is preferred for multi-copy jobs such as invoices, delivery notes and order receipts. In order to create the copying process, the copying process is carried out by combining 3 different papers.

Self Adhesive Sticker

Self-adhesive labels have a very common use, especially in the packaging industry.



Thermal Papers

Low gsm thermal papers coated with a special chemical material that can change color when exposed to heat are used especially in POS machines and cash registers in the retail sector. Recently, with the widespread use of handheld terminals, the use of thermal invoices and delivery notes has also increased.

Greaseproof paper

Greaseproof paper is paper that is impervious to oil or grease and is normally used in cooking or food packaging.

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Envelope Products

File envelopes, known as official documents and correspondence envelopes, are a special type of envelope generally used by government offices. Envelopes preferred by government offices and public institutions and organizations are also used as notification envelopes.

A4 PAPER

GSM: 70 - 75 - 80 GSM

ASL PAPER


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