

Technical specification sheet



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Product: Hi Q Greyback Duplex Board

Category: Packaging | Cartonboard

Country of Origin: South Korea

Grammage	Caliper	Volume	Stiffness				Brightness	Gloss	Smoothness	Roughness	Sheet Size Format
			Taber 15 °								
			MD sm	CD st	MD sm	CD st					
g/㎡	μm	㎥/g	Taber Unit or g.cm		mNm		%	%	sec.	μm	mm
180°	225	1.25	27	14	2.6	1.3	76↑	45↑	60↑	2.5↓	0, +2
200°	250	1.25	43	22	4.2	2.1					
210°	265	1.26	50	25	4.9	2.5					
220°	275	1.25	55	28	5.4	2.7					
230	285	1.24	60	30	5.9	2.9					
240°	295	1.23	65	33	6.4	3.2					
250	315	1.26	70	35	6.9	3.4					
260°	330	1.27	75	38	7.4	3.7					
280	355	1.27	110	55	10.8	5.4					
300	385	1.28	120	60	11.8	5.9					
310°	395	1.27	130	65	12.7	6.4					
330	425	1.29	150	75	14.7	7.4					
350	455	1.30	180	90	17.6	8.8					
370°	480	1.30	200	100	19.6	9.8					
400	520	1.30	250	125	24.5	12.3					
450	590	1.31	350	175	34.3	17.2					
480°	620	1.29	400	190	39.2	18.6					
500	660	1.32	450	225	44.1	22.1					
550	700	1.27	520	240	51.0	23.5					

Grammage (with reference to the average value)		+/- 5 %	ISO 536
Caliper	Grammage : 180 ~ 280 g/ m ²	+/- 20 μm	ISO 534
	Grammage : 300 ~ 400 g/ m ²	+/- 25 μm	
	Grammage : 450 ~ 550 g/ m ²	+/- 30 μm	
Bulk		+/- 5 %	
Moisture		7.0±1.5% (105± 3°C Oven)	ISO 187
Stiffness		Min.	ISO 5628
Brightness		Min. 76 Elrepho (VS / Top / Recto)	ISO 2470
Gloss		Min. 45%	ISO 8254-1
Smoothness		Min. 60sec	ISO 5627(Bekk)
Roughness		Max. 2.5μm	ISO 8971-4(PPS)
Testing climate		23 +/-1°C 50 +/- 2 %rF/hr	

Applications

- FMCG packaging
- Food packaging
- Freezer & Fridge packaging
- POS / POP

Certifications

- ISO 14001
- FSC® Mixed (Available on request)
- 100% Recycled Fibre
- FDA Approved
- Totally Chlorine Free

* Denotes special order item
Minimum order quantities and
deckle fill may be required.