



TECHNICAL SPECIFICATIONS CLAY COATED KRAFT BACK-GC4

Items	Unit	Standard/ Method	Parameters						
			200	235	255	280	300	325	350
Basis Weight	gsm	ISO 536	200	235	255	280	300	325	350
Caliper	pt		12.0	14.0	16.0	18.0	20.0	22.0	24.0
	µm	ISO 534	305	356	406	457	508	559	610
ISO Brightness	%	ISO 2470-1	85±2	85±2	85±2	85±2	85±2	85±2	85±2
Bulk	cm ³ /g	ISO 534	1.52	1.51	1.59	1.63	1.69	1.72	1.74
Stiffness Taber MD	mNm	ISO 2493	>10.5	>12	16	22	30	35	44
Stiffness Taber CD	mNm	ISO 2493	>5.8	>7.0	8	10	15	17	20
Gloss 75°	%	ISO 8254	≥45	≥45	≥45	≥45	≥45	≥45	≥45
Ink absorption	%	K&N	20±3	20±3	22±3	22±3	22±3	22±3	22±3
Internal Bond Strength	J/m ²	TAPPI 833 pm-94	≥150	≥150	≥130	≥130	≥130	≥130	≥130
Moisture	%		7.5±0.5	7.5±0.5	8.0±1	8.0±1	8.0±1	8.0±1	8.0±1
Surface Printing Intensity	m/s	ISO 3783	≥1.5	≥1.5	≥1.5	≥1.5	≥1.5	≥1.5	≥1.5
Folding Endurance	times		≥100	≥100	≥100	≥100	≥100	≥100	≥100
Bursting Index	Kpa.M ² /g		2	2	2	2	2	2	2
Ring Crush Compression	N.m/g		12.0	12.0	12.0	12.0	12.0	12.0	12.0
Water Absorption	g/m ²		≤30	≤35	≤35	≤35	≤35	≤35	≤35

Test conditions: ISO Temperature: 23±10C Humidity: 50±2%RH

Description:

This is a Hard Sized sheet used for most consumer products folding carton applications, Beverage packaging, Dry Food Packaging, Frozen Dry Food, Cold Storage Food packaging, Toys, Office Products, Shoes, Tools, Carrier Board etc.

Features:

Bottom Layer made from solid unbleached sulfate virgin kraft fiber
 Triple layers of Clay coating
 Hard Sizing for Cold storage Food and Beverage packaging
 High Stiffness
 High Gloss

Advantages:

Hard Sizing
 High Gloss
 High Stiffness
 High Yield
 High Brightness