



FEATURES

High Performance Coated Duplex Board

Optic Grey Back offers exceptional stiffness, bulk and printability making it an ideal choice for high-speed machine filled cartons.

Eco-Friendly Raw Material

OGB is manufactured from high quality eco-friendly raw materials, supporting the environmental sustainability and its conservation.

Endorsed by Leading Brands

Preferred by the biggest Food Packaging, Consumer Durables and FMCG brands for their packaging material requirements.

Highly Suitable for Diverse Industries

Suitable for a wide range of applications i.e. Pharmaceuticals, FMCG, Cosmetics, Consumer durables, Apparels, Wellness & Nutrition Cartons, Tissue Boxes, Footwear Boxes, Electrical & electronics.

Compatible for Food Grade Packaging

Tested and approved through sensory examination-odour and taste tests in accordance with the German Food, Articles of daily use and Feed Code (LFGB) sections 30 & 31, as amended on September 1, 2005.

Tested and approved for FSC

Complies with FSC (Forest Stewardship Council) chain of custody certification (TAH-COC-009416).

Certification



Application

FMCG

Pharmaceuticals

Consumer Electronics

Food Packaging

Matchbox

Consumer Merchandise

Toys Packaging

Engineering Goods



Product Specification

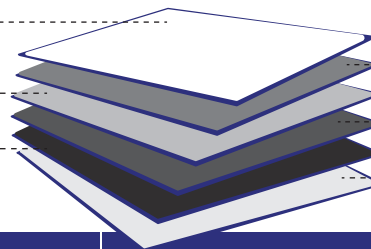
Parameter	Specification																Unit	Method	Tolerance	
GSM	230	250	260	270	285	300	320	330	340	350	360	370	400	420	450	g/m ²	T410 om-98	±3%		
Caliper	283	308	320	337	356	378	410	422	435	448	460	474	520	546	585	micron	T411 om-97	±5%		
Bulk	1.23	1.23	1.23	1.25	1.25	1.26	1.28	1.28	1.28	1.28	1.28	1.28	1.30	1.30	1.30	cc/gm		±5%		
Moisture	6.5	6.5	6.5	6.5	6.5	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.5	7.5	8.0	%	T412 om-94	±1		
Stiffness (Taber)	MD	45	70	76	85	110	125	150	160	170	180	190	200	270	285	350	gm.cm		±15%	
	CD	20	28	31	35	47	55	65	70	72	78	84	90	104	108	140	gm.cm	T489 om-99	±15%	
	GM	30.0	44.3	48.5	54.5	71.9	82.9	99.0	105.8	111.0	118.0	126.3	134.1	167.5	175.4	221.3			±15%	
Roughness (PPS)	2.3																microns	T 555 om-99	Max	
Gloss at 75°	35																%	T 480 om-99	±5	
Internal Bond	150																J/m ²	T 569	Min	
IGT Dry Pick	1.0																m/sec	ISO 3782	Min	
Cobb	TOP	35																g/m ²	T 441 om-98	±5
	BOTTOM	40																		±10
K&N Test	12																%		±3	

Board Structure

Top Double Coating-
20 ± 2GSM- Blade on Blade

Under Layer- Deinking Pulp

Back Layer- Recycled Fibre



Top Layer- Deinking Pulp

Filler Layer- Recycled Fibre

Bottom Coating-
Starch Coat- 02 ±1 GSM

Deckle

Machine 1:- Min. - 284 cm | Max. - 290 cm
Machine 2:- Min. - 204 cm | Max. - 212 cm

Machine Suitability

Recommended for High-speed multicolour printing machines.

Packaging Information

PALLETS

Min. Height: 1100 mm
Max. Height: 1300 mm

SHEETS

Min. Size: 300 x 560 mm
Max. Size: 1050 x 1650 mm

REELS

Width: 400 - 2400 mm
Core Inner Dia : 76 mm/3"
& 150 mm/6"