



India's No.1 Brand in Duplex for Over A Decade

FEATURES

High Performance Coated Duplex Board

Diamond Grey Back is a coated duplex board offering exceptional stiffness, impressive bulk, excellent brightness, superior strength and outstanding print quality.

Eco-Friendly Raw Material

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

Top Tier Recycled Packaging Board

Best among all recycled grade packaging boards with excellent physical and optical properties.

Flawless Printing and Vibrant Colour Reproduction

Dirt free board for excellent printing resulting in high efficiency with cost effectiveness.

Fit for Machine Fed Packaging

Highly recommended for machine filled cartons owing to its exceptional strength properties.

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

Food Packaging

Pharmaceuticals

Engineering Goods

Liquor Packaging

Toys Packaging

High-end Durable
Cartons

Home Applications



Product Specification

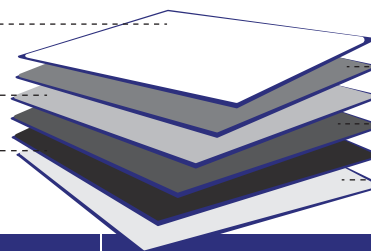
Parameter	Specification																Unit	Method	Tolerance	
GSM	230	250	260	270	285	300	320	330	340	350	360	370	400	420	450	g/m ²	T410 om-98	±3%		
Caliper	300	330	343	356	376	396	432	446	459	473	497	511	552	580	621	micron	T411 om-97	±5%		
Bulk	1.30	1.32	1.32	1.32	1.32	1.32	1.35	1.35	1.35	1.35	1.38	1.38	1.38	1.38	1.38	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	55	80	88	97	113	130	160	172	190	198	210	226	300	315	400	gm.cm		±15%	
	CD	26	36	40	42	50	60	74	80	89	93	102	106	115	122	155	gm.cm	T489 om-99	±15%	
	GM	38.0	54.0	59.0	64.0	75.0	88.0	109.0	117.0	130.0	136.0	146.0	155.0	186.0	196.0	249.0			±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 ± 1GSM

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"