

PRODUCT SHEET

Carta Integra

PRODUCT DESCRIPTION

Fully coated bleached paperboard with coated back

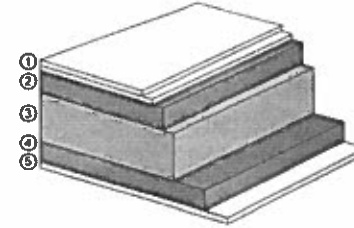
MAIN END USES

Covers, Cards, Multimedia (CD/DVD packs), Point-of-sales materials, Beautycare, Healthcare, Directories, Confectionery

FEATURES

Printing methods Sheet-fed offset, Gravure, Flexo, Serigraphy, Digital printing
Mill Metsä Board Äänekoski

STRUCTURE



- 1) Double blade coating
- 2) Bleached chemical pulp
- 3) Bleached chemi-thermo-mechanical pulp (BCTMP)
- 4) Bleached chemical pulp
- 5) Blade coating

TECHNICAL INFORMATION

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES								
Grammage g/m ²		ISO 536	± 2%	170	190	210	235	250	265	285	315	330
Basis weight lb/3000 sf 24x36/500				104	117	129	144	154	163	175	194	203
Thickness mm		ISO 534	± 3%	0.210	0.260	0.305	0.355	0.380	0.410	0.455	0.505	0.535
Caliper pt				8.3	10.2	12.0	14.0	14.9	16.1	17.9	19.9	21.1
Moisture content %		ISO 287	± 1,0	6.0	6.0	6.5	7.0	7.0	7.3	7.6	7.6	7.8
Bending stiffness CD mNm	Taber 15*	ISO 2493	± 15%	1.4	2.5	3.8	5.4	7.0	8.4	11.0	14.0	16.0
Bending stiffness MD mNm	Taber 15*	ISO 2493	± 15%	2.9	5.1	8.0	11.2	14.5	17.5	22.6	28.8	33.2
Bending stiffness CD gf-cm				14	25	39	55	71	86	112	143	163
Bending stiffness MD gf-cm				30	52	82	114	148	178	230	294	339
Smoothness µm	PPS10	ISO 8791-4	max 1.3	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
Smoothness top ml/min	Sheffield	indicative value		5	5	5	5	5	5	5	5	5
Smoothness back ml/min	Sheffield	indicative value		60	60	60	60	60	60	60	60	60
Brightness top %	GE	indicative value		90	90	90	90	90	90	90	90	90
Brightness back %	GE	indicative value		89	89	89	89	89	89	89	89	89
Gloss %	Hunter 75*	TAPPI T 480	± 5	48	48	48	48	48	48	48	48	48
Robinson test	12 months in original package			<1	<1	<1	<1	<1	<1	<1	<1	<1

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions.
The products are in compliance with Lacey Act requirements.
Metsä Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.
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