

Technical specification sheet

Ball & Doggett
ballanddoggett.com.au

Product: Barry Bleach Board - Coated

Category: Packaging - Cartonboard

Mill: Metsa Board

Country of Origin: Finland

Website: www.metsaboard.com

PRODUCT DESCRIPTION

Fully coated bleached paperboard with coated back

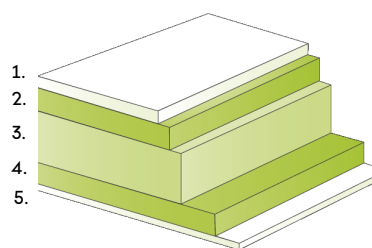
APPLICATIONS

Beautycare, Healthcare, Covers, Cards, Graphic applications, Consumer electronics, Chocolate & confectionary and Point-of-sale materials

FEATURES

Printing methods Sheet-fed offset, Gravure, Flexo, Digital Printing
Food Contact EU Regulation (EC) No 1935/2004,
USFDA21CFR§176.170*,
USFDA21CFR§176.180*
Mill Metsä Board Kyro

STRUCTURE



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

Property / unit	Method	Standard	Tolerance	Values						
Grammage g/m ²		ISO 536	± 2%	210	235	255	280	305	330	355
Bending stiffness CD mNm	Taber 15%	ISO 2493	± 15%	3.3	5.5	8.1	10.7	13.4	16.3	19.2
Bending stiffness MD mNm	Taber 15%	ISO 2493	± 15%	6.5	11.0	16.2	21.4	26.8	31.9	37.4
Thickness µm		ISO 534	± 3%	0.290	0.350	0.400	0.450	0.500	0.550	0.600
Moisture content %		ISO 287	± 1.0%	7.5	8.0	8.0	8.5	8.5	9.0	9.0
Smoothness top µm	PPS10	ISO 8791-4	max 1.3	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Smoothness back µm	PPS10	ISO 8791-4	max 6	4	4	4	4	4	4	4
Brightness top %	Illumination C/2°	ISO 2470-1	+ 1	89	89	89	89	89	89	89
Brightness back %	Illumination C/2°	ISO 2470-1	+ 2	88	88	88	88	88	88	88
Colour CIELAB L* TOP	Illumination C/2°	ISO 5631-1	± 1.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5
Colour CIELAB a* TOP	Illumination C/2°	ISO 5631-1	± 0.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Colour CIELAB b* TOP	Illumination C/2°	ISO 5631-1	± 1.0	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
Colour CIELAB L* back	Illumination C/2°	ISO 5631-1		93.5	93.5	93.5	93.5	93.5	93.5	93.5
Colour CIELAB a* TOP	Illumination C/2°	ISO 5631-1		1.2	1.2	1.2	1.2	1.2	1.2	1.2
Colour CIELAB b* TOP	Illumination C/2°	ISO 5631-1		-1.8	-1.8	-1.8	-1.8	-1.8	-1.8	-1.8
Gloss %	Hunter 75°	ISO 8254-1	± 5	50	50	50	50	50	50	50
Off-flavour (Robinson test)	12 months in original package	EN 1230-2		<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. Metsa Board Paperboard mills have PEFC chain of custody, FSC chain of custody and FSC controlled wood certificates.