

Product sheet

Carta Integra

PRODUCT DESCRIPTION

Fully coated bleached paperboard with coated back

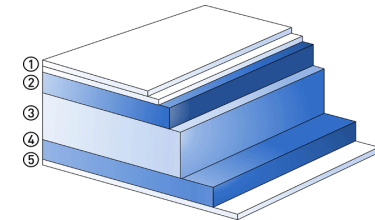
MAIN END USES

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

FEATURES

Printing methods Mill Sheet-fed offset, Gravure, Flexo, Serigraphy
M-real 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	222	235	250	265	285	315	330	
Bending stiffness CD mNm	Taber 15°	ISO 2493	± 15%	1.4	2.5	3.8	4.3	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	9.0	11.2	14.5	17.5	22.6	28.8	33.2	
Thickness mm		ISO 534	± 3%	0.210	0.260	0.305	0.320	0.355	0.380	0.410	0.455	0.505	0.535	
Moisture content %		ISO 287	± 1,0	6.0	6.0	6.5	6.7	7.0	7.0	7.3	7.6	7.6	7.8	
Smoothness top 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	0.9	
Brightness top %	Illumination C/2°	ISO 2470	± 1	91	91	91	91	91	91	91	91	91	91	
Brightness back %	Illumination C/2°	ISO 2470	± 2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
Colour CIELAB L* top	Illumination C/2°	ISO 5631	± 1,0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
Colour CIELAB a* top	Illumination C/2°	ISO 5631	± 0,5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Colour CIELAB b* top	Illumination C/2°	ISO 5631	± 1,0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	-1.0	
Colour CIELAB L* back	Illumination C/2°	ISO 5631		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
Colour CIELAB a* back	Illumination C/2°	ISO 5631		0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
Colour CIELAB b* back	Illumination C/2°	ISO 5631		-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	-0.7	
Gloss %	Hunter 75°	TAPPI T 480	± 5	48	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	<1	

Tolerances, when specified, are based on 95% confidence limits on single mill measurements of random samples measured in manufacturing conditions.
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