MetsäBoard Natural FBB 2PE 12/15

PRODUCT SHEET

Product description

Folding boxboard, uncoated, hard sized, OBA free, PE coating top (glossy) and reverse side (matt)

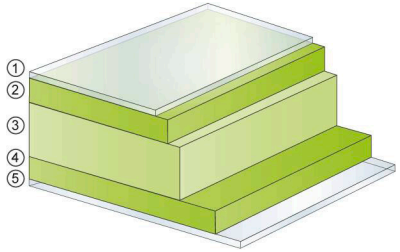
End use

Frozen food, Chilled food, Plates, Trays

Features

Printing method	Offset, Flexo
Food contact	Suitable for food contact*
Metsä Board mill	Husum

Structure



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

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE	VALUES								
Grammage total g/m²		ISO 536		**197**	**222**	**232**	**247**	**267**	**282**	**292**	**322**	**352**
Basis weight total lb/3000 sf 24x36/500				121	136	143	152	164	173	179	198	216
Caliper total pt				13	16	16	17	19	20	21	23	25
Basis weight PE top lb/3000 sf 24x36/500				7	7	7	7	7	7	7	7	7
Basis weight PE rev. lb/3000 sf 24x36/500				9	9	9	9	9	9	9	9	9
Baseboard property, unit												
Grammage g/m²		ISO 536	± 2%	170	195	205	220	240	255	265	295	325
Basis weight lb/3000 sf 24x36/500				104	120	126	135	147	157	163	181	200
Caliper pt		ISO 534		12	15	15	16	18	19	20	22	24
Thickness µm		ISO 534	± 3%	305	355	385	415	455	485	505	555	610
Bending stiffness CD mNm	Taber 15°	ISO 2493-2	- 15%	3.4	5.0	6.2	7.4	9.3	11.0	12.0	15.0	19.0
Bending stiffness MD mNm	Taber 15°	ISO 2493-2	- 15%	7.3	10.6	12.5	15.7	19.5	22.5	25.5	32.7	38.2
Bending stiffness CD gf·cm				34.7	51.0	63.2	75.5	94.8	112.2	122.4	153.0	193.7
Bending stiffness MD gf·cm				74.4	108.1	127.5	160.1	198.8	229.4	260.0	333.4	389.5
Moisture content %		ISO 287	± 1.0	7.0	7.0	7.2	7.5	7.7	7.8	8.1	8.3	8.5
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	82	82	82	82	82	82	82	82	82
Off-flavour (Robinson test)	12 mo in orig. pack	EN 1230-2		< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1

Tolerances, when specified, are based on 95% confidence limits on mill measurements of samples tested in standard conditions (23°C/50% RH).
Metsä Board Paperboard mills have FSC® / C001580 and PEFC / 02-31-92 CoC certificates.
*Please contact Metsä Board for details of grammage and / or country-specific, restrictions and limitations.
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