

MetsäBoard Natural FSB CUP 2PE 11/11

PRODUCT SHEET

PRELIMINARY



Product description

Food service board, uncoated, hard sized, OBA free, PE coating on top (glossy) and reverse side (matt)

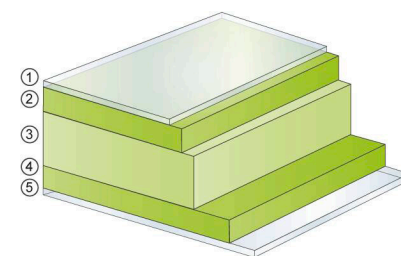
End use

Cold drink cups, Ice cream cups, Bowls, Trays, Containers

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) + chemical pulp
- 4) Bleached chemical pulp
- 5) PE coating

PROPERTY, UNIT	METHOD	STANDARD	TOLERANCE							VALUES
Grammage total g/m ²		ISO 536		207	222	237	257	282	307	332
Basis weight total lb/3000 sf 24x36/500				127	136	146	158	173	189	204
Caliper total pt				10.6	11.6	12.6	13.8	15.4	16.9	18.5
Basis weight PE top lb/3000 sf 24x36/500				7	7	7	7	7	7	7
Basis weight PE rev. lb/3000 sf 24x36/500				7	7	7	7	7	7	7
Baseboard property, unit										
Grammage		ISO 536	± 4%	185	200	215	235	260	285	310
Basis weight lb/3000 sf 24x36/500				114	123	132	144	160	175	190
Caliper pt		ISO 534		9.8	10.8	11.8	13.0	14.6	16.1	17.7
Thickness µm		ISO 534	± 4%	250	275	300	330	370	410	450
Bending stiffness CD (Taber 15°)	Taber 15°	ISO 2493-2	- 15%	2.0	2.7	3.7	4.8	6.2	8.1	10.2
Bending stiffness MD (Taber 15°)	Taber 15°	ISO 2493-2	- 15%	5.0	6.8	9.3	12.0	15.5	20.3	25.5
Bending stiffness CD gf·cm				20.4	27.5	37.7	48.9	63.2	82.6	104.0
Bending stiffness MD gf·cm				51.0	69.3	94.8	122.4	158.1	207.0	260.0
Moisture content %		ISO 287	± 1.0	8.0	8.0	8.0	8.5	8.5	9.0	9.0
Roughness Bendtsen top	Bendtsen	ISO 8791-2		450	450	450	450	500	500	500
Brightness top %	Illumination C/2°	ISO 2470-1	± 1	82	82	82	82	82	82	82
Stretch CD %		ISO 1924-3		5.0	5.0	5.0	5.0	5.0	5.0	5.0
Off-flavour (Robinson test)	12 mo in orig. pack	EN 1230-2		< 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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