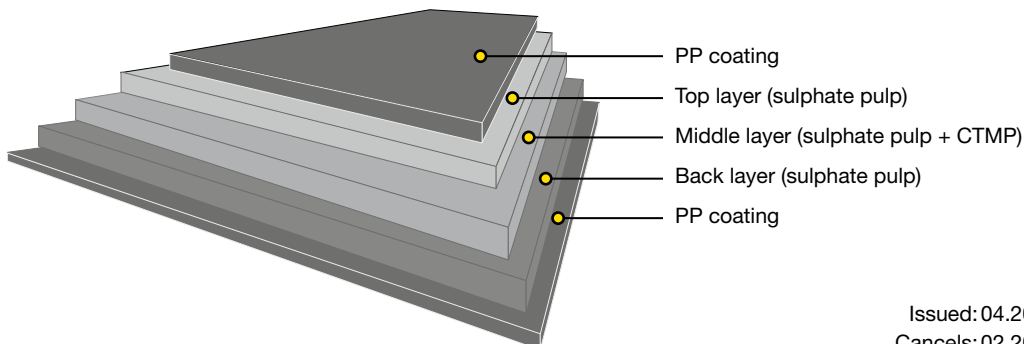


# Cupforma Natura™ 2PP

Bleached cup board with PP coating

Cupforma Natura 2PP is a virgin-fibre bleached board with a three layer fibre construction and with CTMP (chemi-thermomechanical pulp) in the middle layer and PP coating on both sides.



Issued: 04.2020  
Cancels: 02.2018

## Technical specification

	Tolerance	20+170+30	20+184+30	20+195+30	20+214+30	20+232+30	20+260+30	20+295+30	20+330+30	Standard
<b>Polymer coated board:</b>										
Grammage, g/m <sup>2</sup>	±5%	220	234	245	264	282	310	345	380	ISO 536
PP topside, g/m <sup>2</sup>	±2	20	20	20	20	20	20	20	20	Mill method
PP reverse, g/m <sup>2</sup>	±3	30	30	30	30	30	30	30	30	
Thickness, µm	±6%	260	295	320	345	375	415	455	495	ISO 534
Corona treating, dyne/cm, top *)	min 39	42	42	42	42	42	42	42	42	ASTM D 2578
<b>Baseboard:</b>										
Grammage, g/m <sup>2</sup>	±4%	170	184	195	214	232	260	295	330	ISO 536
Thickness, µm	±5%	215	250	275	300	330	370	410	450	ISO 534
Bending resistance L&W 15° MD, mN	min -25%	65	105	130	160	215	290	380	500	ISO 2493-1
Bending resistance L&W 15° CD, mN	min -25%	28	43	55	75	95	130	170	230	
Moisture %	min 7.0%	9.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	ISO 287
Brightness D65/10, %, Top	min 80	84	84	84	84	84	84	84	84	ISO 2470-2
Surface Smoothness, Bendtsen, ml/min	max 400	150	200	250	250	300	300	300	300	ISO 8791-2
Stretch CD, %	min 4.5%	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	ISO 1924-3

\*) Measured right after PE coating



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## Certificates

Quality management ISO 9001  
Environmental management ISO 14001  
Product safety FSC 22000  
Product safety ISO 22000  
Health and safety OHSAS 18001  
Energy management ISO 50001



FSC and PEFC certified board available upon request.



Paperboard is recyclable

## Key characteristics and main enduses

Cupforma Natura 2PP is a sustainable choice; a high-quality carton board designed especially for cups. It is food-safe, ecological, and works smoothly and consistently in cup converting. It is also economical as the board's structure provides the required stiffness; resulting in light, yet functional cups. Cupforma Natura delivers excellent results in flexographic, offset, and digital printing to showcase brands. Combined with PP coating on both sides, Cupforma Natura can be used for cups for food that will be heated in a microwave oven.

## Printing and finishing techniques

The product can be used for different printing techniques such as offset, flexo and digital printing. It is important to check possible limitations of the printing and converting equipment and ensure that the basis weight of the board fits the tooling to be used. Since a wide variety of digital printing equipment is available in the market, it is important that a new commercial digital print job is always preceded by a trial run, including all required printing and converting process phases.

## Storage recommendations

For optimal printing results, the moisture proof wrapping should not be removed until the board has reached the temperature of the press room.

Pallet/Reel Weight (kg)	Difference in temperature between board and press room (press room temp. approx. 20°C)		
	10°C	20°C	30°C
400 kg	2 days	2 days	3 days
800 kg	2 days	3 days	4 days
1200 kg	2 days	4 days	5 days

The product properties, according to the specifications, are guaranteed for 12 months after the production date. In order to ensure product safety, the product must be well wrapped and stored indoors, sheltered from rain and snow. The recommended storage conditions are 50-55% relative humidity and 20-23° C.

We recommend light corona treating of top side before printing to ensure level of corona treatment.

