


This specification describes articles of the material group

Cardboard/PLA






Material description

The articles are produced from pure cellulose. In order to ensure that the articles are resistant to moisture, the cardboard is coated with a starch film on the inside. Exclusively compostable and environmentally friendly dyes are used which neither contain heavy metals nor toxic materials.

Product description

Picture	Description	Description 2	Article number
	Ice Cup kraft/PLA 100ml	naturesse	17902
	Ice Cup kraft/PLA 150ml	naturesse	17903
	Ice Cup kraft/PLA 240ml	naturesse	17904
	Ice Cup kraft/PLA 360ml	naturesse	17905
	Ice Cup kraft/PLA 480ml naturesse	naturesse	20744
	Salad bowls Kraft/PLA, 480ml 16oz	Ø150x45mm, naturesse	17011
	Salad bowls Kraft/PLA, 680ml 23oz	Ø150x60mm, naturesse	17012
	Salad bowls Kraft/PLA, 840ml 28oz	Ø185x49mm, naturesse	17013
	Salad bowls Kraft/PLA, 1200ml 40oz	Ø185x66mm, naturesse	17014
	Salad bowls Kraft/PLA, 360ml 12oz	Ø120x45mm, naturesse	20745
	Salad bowls Kraft/PLA, 480ml 16oz	Ø120x60mm, naturesse	20746
	Food bowl Kraft/PLA, 32oz	Ø150x78mm, naturesse	22467

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DECLARATION OF COMPLIANCE

Picture	Description	Description 2	Article number
	Soup cup Kraft brown 240ml/8oz	naturesse	15529
	Soup Cup 360ml/12oz	Kraft brown, naturese	15530
	Soup Cup 480ml/16oz	Kraft brown, naturese	15531
	Soup Cup 750ml/26oz	Kraft brown, naturese	15532
	Soup Cup 950ml/32oz	Kraft brown, naturese	15533
	Lid Kraft brown for soup cups	15529 & 15530, naturese	15534
	Lid Kraft brown for soup cup	15531, naturese	15535
	Lid Kraft brown for soup cups 15532	15532 & 15533, naturese	15536
	Lid Kraft/PLA Ø75mm	for Ice cup 17902	21344
	Lid Kraft/PLA Ø85mm	for Ice cup 17903	21345
	Lid Kraft/PLA Ø96mm	for Ice cup 17904	21346
	Lid Kraft/PLA Ø105mm	for Ice cup 17905, 20744	21347
	Lid Kraft/PLA Ø120mm	for salad bowl 20745, 20746	21348
	Wrap Cups Kraft/PLA, 12oz	85/60x120mm, naturese	17075
	Wrap Cups Kraft/PLA, 16oz	80/60x140mm, naturese	17076
	Wrap Cups Kraft/PLA, 8oz	75/56x100mm, naturese	22728
	Take-away box #1 Kraft/PLA	113x90x65mm, naturese	19064

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DECLARATION OF COMPLIANCE



Picture	Description	Description 2	Article number
	Food Tray Kraft/PLA	200x148x40 mm, naturese	20619
	Square Box with window	Kraft/PLA, 120x120x50 mm	20682
	Sandwich Pack Kraft/PLA	with window, 125x72mm, naturese	21019
	Triangle packaging Kraft/PLA	with window 167x129x45mm	21145
	Square sandwichpack Kraft/PLA	125x77x72 mm	13591
	Folding box with window	Kraft/PLA, 110x110x40 mm	22756
	Kraft Wrap Pack big	90x50x130/170mm	10683
	Kraft Wrap Pack, small	90x50x90/121mm	14846

Material / composition

Kraft cardboard, PLA coating 30gsm
partly with glue, printing ink, PLA window 25my

FSC® certified goods are shown on the invoice

PRODUCT-SPECIFICATION_00812/e

DECLARATION OF COMPLIANCE



Storage

Storage temperature: ambient
Relative humidity: dry
Storage conditions: keep away from direct sunlight

Purpose of use

The products are suitable for direct contact with food; also for food with fatty character.

The following types of food are **not** suitable for storage in the articles due to material reasons, as they lead to grease spots:

- Pure fat and oil and products preserved in oil

Applications:

- Heating 2h, 70°C
- Storage 30°C, 3d
- Single use
- Deep freezing -30°C
- Microwave

Declaration of compliance

These articles meet the following regulations and are suitable for direct contact with food :

- Regulation (EC) No 2023/2006** on good manufacturing practice for materials and articles intended to come into contact with food
- Regulation (EC) No 1935/2004** on materials and articles intended to come into contact with food and
- Regulation (EU) No 10/2011** on plastic materials and articles intended to come into contact with food. And subsequent amendments until 2019/1338
- Directive 94/62/EC** on packaging and packaging waste

Printing inks

- SR 817.023.21** The Swiss Ordinance on Materials and Articles in Contact with Food

PRODUCT-SPECIFICATION_00812/e

DECLARATION OF COMPLIANCE



Overall migration

Tested under the following conditions:

salad bowl, ice, soup and wrap cup (Test report SQTS UEB1940701)
take away box (Test report UEB1846429)
cardboard with window (Test report UEB1855052, test report SQTS 2019L25356)

Simulant	Time	Temperature
<input checked="" type="checkbox"/> B: Acetic acid 3 % (v/v)	2h	70°C
<input checked="" type="checkbox"/> Ethanol 95 % (v/v)	2h	60°C
<input checked="" type="checkbox"/> Isooctane	0.5h	40°C

The total migration values are below the legal limits with the tested simulants.

The quantitative temperature dependence of the migration can be approximately described by the Arrhenius equation. Accordingly, the test conditions (2h, 70°C) also include a storage period of at least 3 days at 30°C.

Specific migration

Compliance with the regulations cited above is based, on the one hand, on the information provided by our suppliers, who do not disclose all ingredients to us due to secrecy, and on the other hand on our own migration tests, which we commissioned in order to validate the plausibility. Based on both the subcontractor's documents and own results, compliance with the specific migration can be confirmed.

A screening was performed. The limits are met.

Calculation basis

Ratio of food contact surface area to volume used to establish the compliance of the material or article:
Salad bowl, soup and wrap cup: 5.06 dm²/1.2l. Take away box: 5.31dm²/1.5l, for cardboard with window 1 dm²/100ml and 6 dm²/kg

Dual-use additives

The following dual-use additives may be included in the material:

Lactic Acid, CAS-No. 50-21-5, E270

Functional barrier

No functional barriers are used.

PRODUCT-SPECIFICATION_00812/e DECLARATION OF COMPLIANCE



Sensory test

The articles were sensory examined.
Under normal or foreseeable conditions of use, they do not impair the organoleptic properties of the food.

Recyclability

The Institute Papiertechnische Stiftung (PTS) tested the bowls of category bowls/cups Kraft paper with PLA coating 340 + 33g/m² (e.g. 17013) for recyclability using the following method:
Assessment of the recyclability of paper, carton and board packaging according to PTS-RH 021/97 (October 2012) - Category II: Waste paper for the production of packaging paper

According to test report AB.0001561 these cups are recyclable.

Production location: China

Customs duty number: 4823.6900
4819.2000

Certificates: **Bowls and cups:**
Tested according to DIN EN 13432,
DIN CERTCO certificate No. 7P1013
FSC-certificate No. SGSCH-COC-010010

Reclamation

Deliveries, which differ from the listed specifications, will be withdrawn and replaced after review.

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