






This specification describes articles of the material group

Cardboard with PLA/PBAT coating

Material description:

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

	<p>Take away Carton Box brown/white, 85x65x90mm Article number 15771</p>
	<p>Take away Carton Box brown/white, 110x90x65mm Article number 15772</p>
	<p>Take away Carton Box brown/white, 152x120x65mm Article number 15773</p>
	<p>Take away Carton Box brown/white, 160x90x60mm Article number 15774</p>
	<p>Take away Carton Box brown/white, 200x140x65mm Article number 15775</p>

Material / composition:

Cardboard in pure cellulose 260g/m² FSC Mix Credit
Biopolymer coating 25 g/m² (PLA/PBAT blend)

Storage

Storage temperature: 0°C to 35°C
Storage time: max. 3 years
Storage conditions: away from direct sunlight

Diese Informationen basieren auf unserem derzeitigen Wissens- und Kenntnisstand. Spezifikationen können jederzeit, ohne Vorankündigung, angepasst werden.

Production location: Italy

Characteristics: The products are suitable for single use for dry, greasy, milky and acidic foods
Suitable for short-term packaging and storage of food

Bio-degradability: The products are completely bio-degradable

Certificates: tested according to DIN EN 13432, certificate No. 7P0491 and 7P0492.
FSC-certificate No. SGSCH-COC-010010

Customs duty number: 4823.6910

Declaration of conformity

The articles meet the following regulations and are suitable for direct 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

REGULATION (EC) No 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food

The Varnishes and printing inks correspond to the EuPIA exclusion list

Purpose of use

Types of food to be in contact with the material:

- dry
- acid
- fatty
- milk-based

The product is not suitable for infants food and growing-up aliments

Overall migration

Tested under the following conditions:

Simulant	Time	Temperature
<input checked="" type="checkbox"/> B: Acetic acid 3 % (w/v)	10 days	40°C
<input checked="" type="checkbox"/> D1: Ethanol 50 % (v/v)	10 days	40°C
<input checked="" type="checkbox"/> D2: Vegetable oil	10 days	40°C

The global migration values are below the limit of 10 mg/dm² or 60 mg/kg.

Specific migration

The following substances have specific migration restrictions listed in Regulation (EU) No 10/2011

Substance	CAS-No	SML mg/kg
Terephthalic acid	100-21-0	7.5
Hexamethylene diisocyanate	822-06-0	1 in final product expressed as NCO
1,4-Butanediol	100-63-4	5
Tetrahydrofuran	109-99-9	0.6
Vinyl acetate	000108-05-4	12
Formaldehyde	000050-00-0	6
Acetaldehyde	000075-07-0	15
2-Methyl-4-isothiazolin-3-one	002682-20-4	0.5
1,2 Benzisothiazolin-3-one	002634-33-5	5.5

The calculations were made assuming that 1 kg of food comes in contact with 6 dm² of packaging material.

Dual use additives

The product contains substances regulated by Regulations (EC) No 1333/2008 and (EC) No 1334/2008

Substance	E-No	CAS-No
Lactid acid	E270	-
Acido fosforico	E339	7664-38-2
Acido acetico (sale)	E262	64-19-7
Acetato di mentile	FL n. 09.023	79-20-9
Acido Carbonico, Sali	E500	-
Glicerolo triacetato	E1518	-

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