

This specification describes articles of the material group

Sugar cane fibres with PBAT lamination

Material description:

The sugar cane is rolled and pressed in order to obtain the syrup. The fibres are ground into a fine paste with the addition of water and natural binders and then processed and pressed into moulds and subsequently with PBAT foil sealed. PBAT - polybutyrate is a biodegradable copolymer.

	<p>Tray square Article number 12857</p>
	<p>Tray rectangular Article numbers 12858, 12859, 12860, 13049</p>
	<p>Tray rectangular, 2 -compartments Article number 12861</p>
	<p>Menu tray, 1-compartment Article numbers 5203 / 5104 12895</p>
	<p>Menu tray, 2-compartment Article number 12896</p>
	<p>Menu tray, 3-compartment Article number 12897</p>

These informations are based on our current knowledge and understanding. Specifications may be adjusted at any time, without prior notice.

Material / Composition

Material: sugar cane with PBAT lamination

Packaging / Storage

Storage temperature room temperature, protect against sun exposure
Storage humidity dry

Compostability:

Compostability certification
Products tested according to EN13432:2000-12
Certificate no 7P0456

Customs duty number: 4823.7000

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Declaration of conformity

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

EU-Regulation 2004/1935/EC on materials and articles intended to come into contact with food with possible amendments.

EU- Regulation 2023/2006 on good manufacturing practice for materials and articles intended to come into contact with food with possible amendments.

EU-Regulation 10/2011/EC relating to plastic materials and articles intended to come into contact with foodstuffs with possible amendments.

EU-Directive 94/62/EC on packaging and packaging waste (heavy metal content)

Purpose of use

- These articles are suitable for single usage as packaging of wet, fatty and milk base foods - short term contact
- Suitable for microwave up to 400 watt, max. 10 minutes
- Suitable for oven up to 200 °C max. 30 minutes

Overall migration limit

Tested under the following conditions

- 2 hours at 70°C in water
- 2 hours at 60°C in 50% ethanol
- 2 hours at 70°C in olive oil
- 30 minutes at 200°C in tenax
- **10 days at 20°C in 3% acetic acid, 50% ethanol, olive oil

The overall migration limits have not exceed the value of 60mg/dm² or 10mg/dm².

**The overall migration limit with the simulants 3% acetic acid, 50% ethanol does not exceed the limit of 60mg/kg or 10mg/dm². The overall migration limit with olive oil does exceed the limit.

Only the application of a reduction factor of ≥ 2 complies with the requirements of the EU-Regulation 10/2011/EC.

Specific migration

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

Substance	CAS-No	Limit mg/kg	Value mg/kg
Terephthalic acid	0000100-21-0	7.5	<7.5

The calculations are based on the assumption that 1 kg of food comes into contact with the packaging material 6dm².

Heavy metals: lead, cadmium, mercury and chromium is below the legal limit. The limit values of 100 mg / kg is not exceeded.

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