

	Plant fibers nature with PBAT lamination	2021.05.19 01541/e G 7 011286/e v8 Rev. 3 / MM
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Material description

The sugar extraction from sugar cane produces a large amount of fibers, a valuable biomass which, together with other plant fibers, such as bamboo, is ground to a fine pulp with the addition of water and additives, processed and pressed into shape. Subsequently the forms are laminated with a PBAT film.

PBAT (polybutyrate adipate terephthalate) is an EN13432 certified, biodegradable polymer (plastic) that is synthetically manufactured on the basis of fossil and partially biobased raw materials. The PBAT film is characterized by its high extensibility (e.g. as a laminating film) and its heat resistance of up to 230°C.

Product description

Art.No	Description
18004	Bowl 500ml
18005	Bowl 750ml
18006	Bowl 600ml
18007	Bowl 900ml
18008	Bowl 400/180ml, 2-part
18009	Meal tray 600ml
18010	Meal tray 950ml
22494	Tray 1000ml
22495	Tray 420/250ml, 2-part
20982	Bowl 600ml round
20983	Bowl 900ml round
20984	Bowl 1200ml round
22783	Meal tray 1050 ml
22784	Meal tray 550/340 ml 2-part
22785	Meal tray 100/220/150 ml 3-part

Material / composition

Plant fibers with PBAT lamination 50my

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.

Types of food which should NOT come into contact with the material:

- pure fat and oil, marinated products and oil
- Very sour pH<4.5

Applications:

- Deep freezing -20C
- Hot filling, then keeping warm 70C for up to 2 hours
- Single-use
- Heating 0.5h , 200C
- Heating 1.5h , 120C
- Any food contact at frozen and refrigerated conditions.

Declaration of compliance

EU-Regulation 2023/2006/EC	On good manufacturing practice for materials and articles intended to come into contact with food.
EU-Regulation 1935/2004/EC	On materials and articles intended to come in to contact with food.
EU-Regulation 10/2011/EC	On plastic materials and articles intended to come into contact with food and following amendments.
Directive 94/62/EC	On packaging and packaging waste.
SR 817.023.21	The Swiss ordinance on materials and articles in contact with food.
Regulation no.: 681 of 25/05/2020	Regulation regarding Food Contact Material. PFAS not detectable.

Production site: China

Bio-degradability: The products are bio-degradable

Certificates:

DIN EN 13432 Certificate No. 7P0456

Customs duty number: 4823.7000