

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

Duni Bio Takeaway tray

Made predominantly from renewable resources our sealable bioplastic trays allow you to combine sustainability with optimal functionality. Our bioplastic trays come in two well-established and popular designs, 'Take-Away' and 'Cater Line', as well as in different sizes and number of compartments. Suitable for all food types, the trays also offer MAP functionality if you wish to prolong the shelf-life.

Material

PE (see details under Environmental Aspects)

Packaging

Inner: PE

Outer: Carton

Field of Application

The product may be used safely with all types of food in the microwave and under following conditions:

Temp (Time): +120°C (1h), +70°C (4h), +40°C (10days), -20°C (unlimited)

EC Directive 94/62/EC on Packaging and Packaging Waste

The packaging complies with all essential requirements as defined by 94/62/EC.

For example, minimum adequate amount of packaging, limitation of heavy metal content, recyclable through at least one of the following: reuse, material recovery, energy recovery or composting.

Environmental Aspects

Product

The tray is manufactured from renewable PE (polyethylene) made from sugarcane or rice husks. The organic carbon content is certified to be 94% of biobased origin. The properties match those of Duni PP trays.

Content:

Polyethylene (from sugarcane or rice husks)	> 50%
Minerals (chalk and talk)	10-40%
Natural waxes	< 5%

Packaging

PE is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The corrugated board is unbleached and to a large extent made from recycled fibres.

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Product Safety

The products fulfill the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- Migration tests on the article material performed by an independent institute showed that under appropriate test conditions, overall and specific (when relevant) migration falls considerably below the limit given by regulation 10/2011. (For further details, see *Declaration of Compliance*).

Management of Used Products

Energy Recovery

All the materials are suited for energy recovery. Complete combustion gives mainly rise to carbon dioxide and water. The energy content of plastics/paper is comparable to that of oil/ wood.

Recycling

Recycling of the plastic and the corrugated board is possible for producing new products. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

Validity

This is issued 2023-10-19. It is revised when there is a change in the manufacturing process, in the product or in legislation.