

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

Hinged boxes and sushi trays made from bagasse (brown)

Material

Bagasse (sugarcane fibres)

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board box

Field of Application

The lids can be used safely with all types of food up 90°C.

Limitations of the material:

- Bagasse is a fibrous material and for aqueous food the bagasse is not suitable for long-term storage.
- Not to be used in conventional oven.
- The box can be used for gentle warming of food in a microwave at medium power level. This corresponds to power levels at 500 W up to 5 minutes. If higher power is used the physical behaviour can be impacted causing loss of stability.

Different kinds of food can have an impact on the physical behaviour of the bagasse and cause stains. Duni's recommendation is for the customer to test their application for their needs.

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 product is made from secondary left-over material from sugarcane fibres.

The product has been designed for stacking and efficient handling and transportation. The material allows for lightweight design compared to many standard materials.

Packaging

Polyethylene is a polymer produced from refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The corrugated board box is made from wood, which is a renewable resource.

Product Safety

The product fulfils the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- BfRXXXVI
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 14001 as well as to BRC for hygiene.

Due to the natural origin of the raw material and specific production method minor variations on material colours, evenness and material distribution may occur. This do not affect product quality or product safety.

Management of Used Products**Recycling**

The product may be recycled with cardboard and paper materials. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

Recycling of the plastic and the corrugated board is possible for producing new products.

Compostability

The product is compostable in a home compost environment which means composting allows products to biodegrade under those conditions.

Ok Compost Home

Certificate for awarding and use of the 'OK Compost Home' conformity mark
TA8020193956.

Some areas may allow products to be disposed with food waste, but to be sure, please check with local waste handling company.

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.

Validity

This is a copy of a document issued 2022-06-22. It is normally updated every second year or when there is a change in the manufacturing process, in the product or in legislation. To make sure that you have the latest edition, contact Duni Group.