

## ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

### **Product**

Sealable HMR bagasse fibre tray.

The HMR Fibre range is a sustainable addition to Duniform® sealing concept. By keeping the classic HMR design, it's easy to make the switch to a more eco-conscious alternative.

If not sealed, they can be used with a sugarcane fibre lid instead.

### **Material**

Bagasse

Bio lamination (mix of PLA and PBAT)

### **Packaging**

Inner: Polyethylene PE

Outer: Corrugated board box

### **Field of Application**

Based on the migration tests and Declaration of Compliance, the article can be used for all kinds of foods under the following conditions:

- Warm keeping at 70°C for up to 2 h or at 100°C for 15 minutes
- Microwave heating up to 3 minutes at 900 W

The boxes have been evaluated at high temperature conditions corresponding to high temperature applications up to 121°C (see Test conditions) for the use in a microwave oven. However, different microwave ovens have different efficiency and might impact the material properties in different way.

Please note, the trays are not suitable for longer storage of wet food because of risk of leakage through the film barrier.

### **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.

The bagasse trays do not contain any intentionally added PFAS.

**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.
- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with foodstuff.
- 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.
- 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 industrial facilities and complies with EN standard 13432:2000 for packaging recoverable through composting and biodegradation. Industrial composting is dependent on local infrastructure, make sure you follow local recommendations.

**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 2022-01-14. 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.