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
Lamination (mix of PE and EVOH)

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:

- Chilled condition and ambient temperature (up to 40°C) for more than 24 hours)
- Heating up to 70°C for up to 2 h or up to 100°C for 15 minutes (hotfill)
- Oven maximum 150°C for 45 min
- 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. Make sure not to use higher power and longer time than the product keeps its strength and stability during use and make sure to be precautious to avoid spills and burns.

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 lamination is based on fossil sources.

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.

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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 is dependent on local waste handling infrastructure. Ease and recyclability of a product depends on the type of material, composition and sometimes colour. Check with local waste handling to get the correct information.

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

Energy Recovery
Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

Validity
This is issued 2023-06-02. It is revised when there is a change in the manufacturing process, in the product or in legislation.