ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product
PLA Glass

Raw Material
Polylactic acid (PLA)

Packaging
Inner: Polyethylene (PE)
Outer: Corrugated board box

Field Of Application
The product may be used for serving beverages up to 40°C.

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
PLA is compostable, thermoplastic aliphatic polyester derived from renewable resources. Corn starch is the common feedstock

Packaging
PE foil is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extent made of recycled fibres.

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Product Safety

The products fulfil 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*).
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001.

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.

Compostability

The product is compostable in industrial facilities and complies with EN standard 13432:2000 for packaging recoverable through composting and biodegradation.

INDUSTRIAL composting requires industrial composting facilities. Sorting and facilities are limited to local infrastructure. Please check with the local waste handling company for best end-of-life handling.

Recycling

Recycling of the plastic and the corrugated board is possible for producing new products. Check with the local recycling company.

Currently, there is no recycling stream for PLA. While it may be collected, it won't be recycled. Check with the local recycling company for further details.

Validity

This is a copy of a document issued 2021-09-29. 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 AB, Quality Department.