ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product
PLA glass made from PLA

Raw Material
Polylactic acid (PLA)

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

Field Of Application
The products are intended for cold beverages. Maximum recommended temperature for PLA is 40°C. However, deformation and softening of the plastic glass may be observed already at 30°C due to low material thickness.

They are not suitable to be used in a microwave oven.

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
Polylactic acid (PLA) is a bioplastic produced from fermented corn starch, a surplus renewable material. The lactic acid formed during fermentation is collected and polymerised into PLA.

Choose PLA to promote the change from fossil-based plastic to biobased alternatives from plants.

SUPD
The product is in compliance with the Single-Use Plastic Directive 2019/904 (SUPD). This means beverage cups that contain any amount of plastic must feature the following label (embossed in product):

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

> **Ok Compost Industrial**
> Certificate for awarding and use of the 'OK Compost Industrial' conformity mark with certification TA80111704218.

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 packaging 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.

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 issued 2024-01-26. It is revised when there is a change in the manufacturing process, in the product or in legislation.

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