

ENVIRONMENTAL AND PRODUCT DATA SHEET

Product

CPLA Lids

Raw Material

Crystalized polylactic acid (CPLA)

Additives

Colour

Packaging

Inner: Polyethylene PE

Outer: Corrugated board box

Field Of Application

The lids are suitable for all kinds of hot or cold drinks up to 70°C and hotfill conditions.

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 is a polymer produced from corn starch, which is a renewable source.

Packaging

PE is manufactured from crude oil.

The corrugated board is unbleached and to a large extent made from recycled fibres.

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**Recycling**

The product may be recycled with plastic. 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 packaging is possible for producing new 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.

Validity

This is issued 2023-05-04. It is revised when there is a change in the manufacturing process, in the product or in legislation.