

ENVIRONMENTAL AND PRODUCT DATA SHEET

Product

PLA Cardboard boxes

Raw Material

Cardboard coated with PLA

Packaging

Inner: Polyethylene (PE)
Outer: Corrugated board box

Field Of Application

The product is supposed to be used for transportation of take-away food containers. The boxes can be used safely with all types of food up to 40°C.

The boxes should not 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**

The paper is made from 100% virgin fibres from unbleached sulphate pulp.

The PLA is made from renewable sources.

Packaging

The corrugated board is based on recycled fibres.

Product Safety

The products / raw material (incl. printing inks) 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.
- BfR XXXVI for Paper and board for food contact.
- Duni manufacturing units are certified according to the international quality system ISO 9001 and environmental system ISO 14001 as well as to BRC for hygiene.

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.

Recycling

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

Validity

This is a copy of a document issued 2023-08-29. 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 Group.