

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 2022-08-29. 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.