

# ENVIRONMENTAL AND PRODUCT SAFETY 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 2020-11-10. 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.