

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Duni EcoEcho® Viking boxes

Raw Material

Cardboard with PLA-lamination
Glue

Packaging

Inner: PE
Outer: Carton

Field Of Application

The boxes can be used for hot and cold food. The article can be used for hotfill and temperatures up to 70°C for 2 hours.

The boxes have been evaluated at high temperature conditions for the use in a microwave oven. However, different microwave ovens have different efficiency and might impact the material in different way.

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

Duni EcoEcho® Viking boxes are manufactured from virgin pulp and PLA (polylactic acid).

The cardboard and coating is made from PLA (polylactic acid) which origins from renewable sources.

Packaging

PE is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

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

Product Safety

The product fulfils the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- The paper board fulfils the German recommendation BfR XXXVI and LFGB.
- 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

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 2019-09-30. 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 AB.