ENVIRONMENTAL AND PRODUCT DATA SHEET

Product
Uncoated cardboard boxes CLAM BOX

Material
Paperboard and glue

Packaging
Inner: Polyethylene (PE)
Outer: Corrugated board box

Field Of Application
The cardboard boxes can be used at maximum 90°C.

The boxes perform best with for dry food. The cardboard has no lamination or other barriers for fat or moist. Greasy food will lead to fat stains on the in- and outside.

The boxes are not suitable to be used in a microwave oven.

Different kinds of food can have an impact on the physical behaviour of the material. Duni's recommendation is for the customer to test their application for their needs.

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 boxes are manufactured from virgin pulp, a renewable resource.

PFAS (per- and polyfluoroalkyl substances) are not being used in any step of the manufacturing of the products.

Packaging
Polyethylene is a polymer produced from refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The corrugated board box is made from wood, which is a renewable resource.

Labelling
The boxes are FSC certified.

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Product Safety
The products fulfil the following regulations and recommendations and have been tested accordingly:

- EU Regulation 1935/2004/EC on materials and articles intended to come into contact with food.
- EU Regulation 2023/2006/EC on good manufacturing practice for materials and articles intended to come into contact with food.
- BfR XXXVI (BfR Bundesinstitut für Risikobewertung).
- Duni manufacturing units are certified according to the international quality system ISO9001. They have also implemented the environmental management system ISO14001.

Management of Used Products
Recycling
The product may be recycled with cardboard and paper materials. 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 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 2023-10-18. It is revised when there is a change in the manufacturing process, in the product or in legislation.