

ENVIRONMENTAL AND PRODUCT INFORMATION SHEET

Product

PP-laminated paper soup bowls

Material

Paperboard

PP-lamination

Packaging

Inner: Polyethylene PE

Outer: Corrugated board box

Field of Application

The bowls can be used safely with all types of beverages, serving cold and hot. The articles can be used for storage, hotfill and temperatures up to 2 hours at 70°C.

The bowls can 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**

Cardboard is made from tree, which is a renewable resource. The board is made from pulp bleached without any chlorine gas, ECF (Elemental Chlorine Free). The bleaching is carried out with oxygen, hydrogen and chlorine dioxide.

PP is a polymer produced from refined mineral oil or natural gas.

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.

Product Safety

The product fulfils the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- The paperboard fulfils the German recommendation BfRXXXVI.
- EU Regulation 10/2011/EC with amendments
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

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 a copy of a document issued 2022-03-03. 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.