

ENVIRONMENTAL AND PRODUCT DATA SHEET

Product

Cups

Raw Material

Polystyrene (PS)

Additive

Colour

Packaging

Inner: PE

Outer: Corrugated board

Field Of Application

The items can be used safely with all types of beverages hot and cold. They are from a migration-of-substances perspective safe to be used for hotfill applications. However, it is not recommended to use them with boiling hot drinks because of deteriorating performance and stability as well as due to the risk of burn injuries.

The cups are not suitable to use 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**

Polystyrene is made from crude oil (virgin plastic).

SUPD

The products are in compliance with the Single-Use Plastic Directive 2019/904 (SUPD). This means beverage cups that contain any amount of plastic must feature the following label:

**Packaging**

PE is manufactured from crude oil.

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

Product Safety

The products fulfill the following:

- EU Regulation 10/2011/EC with amendments
- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC
- 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. However, recycling depends on collection, sorting and general material acceptance. Always consult with a local waste handler for recycling recommendations.

Validity

This is issued 2023-03-27. It is revised when there is a change in the manufacturing process, in the product or in legislation.