

## ENVIRONMENTAL AND PRODUCT DATA SHEET

**Product**

Glass and lids made from PS

**Raw Material**

Polystyrene (PS)

**Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board box

**Field Of Application**

The glass and lid can be used safely with all types of beverages, serving cold and hot up 90°C (hotfill after which the beverage cools down).

However, due to the nature of the product, hot drinks should not be served in the glass because of the risk of burns.

The glass is not suitable to use in 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 a fossil-based 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 label to the right. On the plastic glass it is embossed.

**Packaging**

PE foil is made by refining of mineral oil or natural gas. The polymer consists simply of carbon and hydrogen. The corrugated board box is to a large extent made of recycled fibres.

### ***Product Safety***

The products fulfil 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.

### ***End of Life***

#### ***Recycling***

Collection, sorting and material recovery are all part of the recycling process. Recycling is dependent on local waste handling infrastructure. Ease and recyclability of a product depends on the type of material, composition and sometimes colour. Check with local waste handling to get the correct information.

#### ***Energy Recovery***

Incineration of mixed waste for energy recovery is a good end-use of products. Paper and plastic may burn well with low emissions.

Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

### ***Validity***

This is issued 2023-10-19. It is revised when there is a change in the manufacturing process, in the product or in legislation.