

# ENVIRONMENTAL AND PRODUCT DATA SHEET

## **Product**

Transparent plastic glasses

## **Raw Material**

Polystyrene (PS)

## **Packaging**

Inner: Shrink wrap/polybag

Outer: Corrugated board

## **Field Of Application**

Based on the migration tests and Declaration of Compliance, the articles can be used safely with all types of food at hot fill conditions and for temperatures up to 70°C for 2 hours. However, due to the nature of the product, hot drinks should not be served in the glasses because of the risk of burns and deterioration of the material.

The products are 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 made from crude oil (virgin plastic).

### **SUPD**

The glasses 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****Recycling**

The product may be recycled with plastic. 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 packaging 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 2023-03-29. It is revised when there is a change in the manufacturing process, in the product or in legislation.