

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Crystal glass made from 100 % rPET

Raw Material

100 % post-consumer recycled PET

Packaging

Inner: PE

Outer: Carton

Field Of Application

The glass can be used safely with all types of beverages. The articles can be used at 70°C up to 2 hours and storage at ambient temperature or lower.

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

PET is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

The product consists of 100 % recycled PET. The recycled PET material is PCR PET (Post Consumer Resin).

Packaging

PE is manufactured from mineral oil or natural gas. The polymer consists simply of carbon and hydrogen.

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

Product Safety

The products fulfill the following:

- EU Regulation 1935/2004/EC
- EU Regulation 2023/2006/EC (GMP)

- EU Regulation 282/2008 (recycled plastic)
The raw material used to make the 100 % post-consumer recycled (PCR) PET is produced at a site that has applied for having an authorised recycling process as described in Regulation (EC) No 282/2008. The European Food Safety Authority (EFSA) has released a **Positive Scientific Opinion** on the process: *“Therefore the Panel concluded that the recycled PET obtained from this process intended for the manufacture of materials and articles for contact with all types of foodstuffs for long term storage at room temperature, with or without hotfill is not considered of safety concern.”*
- 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

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. Check with the local recycling company.

Validity

This is a copy of a document issued 2021-04-16. 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.