ENVIRONMENTAL AND PRODUCT DATA SHEET

Product
PS Lids

Raw Material
Polystyrene (PS)

Packaging
Inner: Polyethylene (PE)
Outer: Corrugated board box

Field Of Application
The lids are suitable for all kinds of hot or cold drinks up to 70°C and hotfill.

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
The polystyrene (PS) is manufactured from fossil sources.

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.

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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.

Management of Used Products

Recycling

PS can be recycled with the recycling stream for plastic

Recycling of the plastic- and the corrugated board packaging material is possible for producing new products. Check with the local recycling company.

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 2023-07-10. It is revised when there is a change in the manufacturing process, in the product or in legislation.