

ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

Containers, trays and platters made from aluminium

Raw Material

Aluminium (aluminium alloys suitable for food contact)

Packaging

Inner: PE

Outer: Corrugated board

Field Of Application

The aluminium products can be used for all kinds of foodstuffs except for acidic or very salty food. They may for example be used for heating food in the oven for a short period up to maximum 250°C, storing food at room temperature or in a freezer.

Avoid direct contact with electric parts and direct flames. The aluminium should not touch the oven walls 2 cm minimum between the walls of the oven and the tray.

The aluminium products only to be used in microwave ovens if the microwave oven it selves allows the use of it.

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**

Aluminium is extracted in nature from the mineral bauxite. At present about 30% of the raw material used for these aluminium containers are made from recycled aluminium. The energy consumption for recycled aluminium is only 5% of the energy needed to refine bauxite into new aluminium.

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 1935/2004/EC
- EU Regulation 2023/2006/EC
- EN602 “Aluminium and aluminium alloys - Wrought products - Chemical composition of semi-finished products used for the fabrication of articles for use in contact with foodstuff.”
- 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**

Aluminium is a material very suitable for recycling. Making recycled aluminium only takes around 5% of the energy needed to make new aluminium — reducing carbon emissions.

Recycling of the plastic and the corrugated board is also possible for producing new products.

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. However, aluminium is preferable recycled.

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 a copy of a document issued 2022-09-04. 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.