



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

CPET-tray

### **Raw Material**

CPET Crystalline Polyethylene terephthalate

### **Additives**

Colour pigment

### **Packaging**

Inner: Polyethylene (PE)

Outer: Corrugated board box

### **Field Of Application**

CPET-trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The tray can be used for storage >6 months, oven and microwave at max 220°C for up to 2 hours.

### **Sealing Tray/Cover**

When sealing trays through welding, a small amount decomposition product is formed.

It is as always when you work with heating and melting materials very important that the ventilation is good. In most cases a kitchen fan will be sufficient to evacuate emissions that may arise.

### **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**

Both CPET and PET are, like most plastic materials, produced by refining mineral oil or natural gas. The polyester consists of carbon, oxygen and hydrogen.

#### **Packaging**

Polyethylene (PE) is produced by refining of mineral oil or natural gas. The polymer consists of carbon and hydrogen. The corrugated board is unbleached and to a large extent made of recycled fibres.

### **Product Safety**

The product /raw material fulfil the following:

- EU Regulation 1935/2004/EC, Material and products intended for contact with foodstuff.
- EU Regulation 2023/2006/EC, Good Manufacturing Practice.
- EU Regulation 10/2011/EC with amendments, Material and products of plastic produced for contact with foodstuff.

The products have been tested regarding overall respective specific migration of chemical substances to the food stimulants. The tests have been performed according to EC-Regulation 10/2011/EC.

The overall migration is below the limit of 10 mg/dm<sup>2</sup> when tested:

- 3% Acetic acid 4h at 100°C and 10 days 40°C
- 10% Ethanol 4h at 100°C and 10 days 40°C
- Olive oil 2h at 175°C and 10 days 40°C

For further details, see Declaration of Compliance.

- Duni manufacturing units are certified according to the international quality system ISO 9001 and 9002. They have also implemented or will implement 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 2015-10-13. 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 AB.