



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### Product

PP-trays

### Raw Material

Polypropylene (PP)

### Additives

Color

### Packaging

Inner: Polyethylene  
Outer: Corrugated board box

### Field Of Application

The trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The trays may be used for warm keeping up to 4 hours at 70°C, for storing 40°C in 10 days and for re-heating in a microwave.

### 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

Polypropylene is produced by refining of mineral oil or natural gas. The polymer simply consists of carbon and hydrogen.

#### Packaging

Polyethylene 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 extend made of recycled fibres. The printing ink is water-based

### Product Safety

The product / raw material fullfil the following:

- EC-directive 2002/72/EC, "Material and products of plastic intended to come into contact with foodstuff".

The product have been tested regarding global migration of chemical substances into food. The tests have been performed according to EC-directive 2002/70/EC article 2. The total migration is below the limit 10 mg/dm<sup>2</sup> when tested 4 hours at 70°C in 3% Acetic acid + 10 days at 40°C, 2 hours at 100°C and 4 hours at 70°C. Tested in 10% Ethanol + 10 days at 40°C and 2 hours at 100°C. Tested in 95% Ethanol + 10 days at 40°C and 4 hours at 70°C. Tested in Isooctane for 4 hours at 70°C and in Olive Oil 2 hours at 121°C

- 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 2012-01-02. 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, Environmental Affairs.