



## ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

### **Product**

PP-trays (white)

### **Raw Material**

Polypropylene (PP)

### **Additives**

Color

### **Packaging**

Inner: Polyethylene  
Outer: Corrugated board

### **Field Of Application**

Trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The trays can be used safely with all types of food in the microwave and under following conditions:  
Temp (Time): +120°C (1h), +70°C (4h), +40°C (10days), -20°C (unlimited)

### **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 fibers.

### **Product Safety**

The products / raw material (incl. printing inks) 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.  
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 and environmental system ISO 14001 as well as to BRC for hygiene.

### **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 2018-01-26. 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.

## DECLARATION OF COMPLIANCE

Description	Material	Article Number
Tray	PP	758000; 758510; 758601

Duni declares that the article meets the requirements of:

- EU Regulation 1935/2004/EC (Framework regulation)
- EU Regulation 2023/2006/EC (GMP)
- EU Regulation 10/2011/EC with amendments (Plastic regulation)

### Overall migration (1)

According to the above mentioned regulations, the overall migration does not exceed 10 mg/dm<sup>2</sup> or 60 mg/kg.

### Specific migration (2)

This article contains monomers or additives subject to restrictions under the plastic regulation 10/2011 and its amendments. A specific migration test proves that these are within the limits. If more information regarding the monomers or additives are needed please contact Duni AB.

### Area of use

Based on the migration tests and Declaration of Compliance in Duni's possession, the articles can be used safely with all types of food in the microwave and under following conditions:

Temp (Time): +120°C (1h), +70°C (4h), +40°C (10days), -20°C (unlimited)



### **Test conditions**

#### *Overall migration*

<i>10 % Ethanol</i>	<i>2 hours at reflux temperature</i>
<i>3% Acetic acid</i>	<i>2 hours at reflux temperature</i>
<i>Olive oil</i>	<i>1 hour at 121°C</i>

#### *Specific migration*

<i>10 % Ethanol</i>	<i>2 hours at reflux temperature</i>
<i>3% Acetic acid</i>	<i>2 hours at reflux temperature</i>
<i>95 % Ethanol</i>	<i>4 hours at 60°C</i>
<i>Isooctane</i>	<i>2 hours at 60°C</i>
<i>MPPO</i>	<i>1 hour at 121°C</i>

#### *Specific migration of metals*

<i>3% Acetic acid</i>	<i>2 hours at reflux temperature</i>
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#### *Specific migration of PAA*

<i>3% Acetic acid</i>	<i>2 hours at reflux temperature</i>
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The ratio of food contact surface area to volume used is between 5-10 dm<sup>2</sup>/kg

The product does not contain any functional barrier.

Please be advised that Duni AB does not add anything into the product.

This document of compliance is based on:

- Documentation from suppliers
- Overall migration test

This document was issued electronically and is therefore valid without signature.