



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

DuniForm®PP-tray white/black

Raw Material

Polypropylene (PP)

Additives

Color

Packaging

Inner: Polyethylene (PE)

Outer: Corrugated board box

Manufacturing

Plastic raw material and color are mixed and melted in an extruder. The melted material is feed out through a wide nozzle and formed to a foil. The foil is formed and punched to completed products.

Field Of Application

DuniForm® trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The trays may be used for all kinds of foodstuffs with pH over 4,5. The trays may be used for storing 40°C in 10 days and for re-heating 100°C in 2 hours.

Normpack Certificate

The product is certified in Normpack reg. no003 15 100 1621 19.

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

The corrugated board paper is unbleached and to a large extent made of recycled fibres. The printing inks are waterbased.

Product Safety

The products /raw materials fulfill the following:

- EC-directive 2002/72/EC, "Material and products made of plastic intended for contact with food",.
- The products have been tested regarding global migration of chemical substances into food simulants. The tests have been performed according to EC-directive 2002/72/EC article 2. The total migration is below the limit 10 mg/dm² when tested with 95% ethanol in 3,5 hours 60°C, 10 days 40°C and contact test 0,5 hour 125°C in olive oil .
- 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

Complete combustion for energy recovery mainly gives rise to carbon dioxide and water, besides a small amount of ashes. The energy content in plastic/paper is comparable to the energy content in oil/wood.

Recycling

Recycling of the trays, the PE-bag and the corrugated board is possible for producing new plastic/paper-products.

Validity

This is a copy of a document issued 2008-07-01. 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.