



ENVIRONMENTAL AND PRODUCT SAFETY DATA SHEET

Product

DuniForm® sealing film PP

Raw Material

Polypropylene (PP)
Polyethylene (PE)
Polyamide (PA)

Packaging

Inner: Polyethylene (PE) wrap
Outer: Corrugated board box

Field Of Application

DuniForm trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. The trays can be used for warm-keeping of food up to two hours, or for cold storage and reheating in a portion heater, oven or microwave-oven. When heating, make some holes in the plastic foil. Heating over 100°C remove the foil.

Sealing of Tray/Cover

When sealing DuniForm trays through welding, a small amount decomposition products is formed. As always when working with heating and melting materials, adequate ventilation is very important. In most cases a kitchen fan will be sufficient to evacuate the emissions that may arise.

Normpack Certificate

The product is certified in Normpack reg. no 003 100 15 2230 24

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

PA, PP and PE are produced by refining of mineral oil or natural gas. The PE and PP polymer consists of

carbon, and hydrogen, PA also contains nitrogen and oxygen.

Packaging

PE are 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 materials fulfil the following:

- Material and products of plastic produced for contact with food, 2002/72/EC.
- The products have been tested regarding global and specific migration of chemical substances to food simulants. The tests have been performed according to EC-directive 2002/72/EEC article 2. The migration is below the limit 10 mg/dm² when tested with 3% acetic acid, 10 % ethanol for 10 days at 40°C and 0,5h at 100°C and with isooctane at 40°C for 24 hours.
- 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 2008-03-03 . 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.