Product Information Sheet

Product
Trays and bowls (various colors)

Raw Material
Polypropylene (PP)

Packaging
Inner: Polyethylene
Outer: Corrugated board

Field Of Application
The PP-trays are intended for deliveries of individual portions of ready-cooked meals from large-scale households. Multiple use is not applicable as these products are intended as disposable products for single use.

The articles can be used safely with all types of food under following conditions:

	Application	**Specific conditions**	
		Temperature (°C)	**Period food contact**
✓	Storage in freezer*	-40 to 0	Very long (>> 10 days)
✓	Storage in fridge	0 to 10	Long (> 10 days) The food itself probably sets the limitation
✓	Storage at room temperature	Max 40	Long (> 10 days) *As long as the food are considered safe to consume and with kept desired quality.*
✓	Keeping warm applications	< 70	< 4 hours
✓	Hotfill & serve temp	< 121	Immediate use *The material has been evaluated at high temperature conditions corresponding to temperature applications up to 121°C (see Test conditions) However, because of deteriorating performance and stability as well as due to the risk of burn injuries, use at this temperature should be handled with utmost care.*
✓	Microwave oven		Short (< 2 h) *Be aware different microwave ovens may heat unevenly and can create hot spots causing the plastic to lose its stability. Always remove it with care to avoid burn injuries.*
No	Conventional oven	< 220	*The trays are **not** suitable for use in conventional oven.*

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Heat resistance
Due to natural weakness at high temperatures, the heated products must be handled carefully the first minutes after being taken out of a heat cabinet or microwave. As temperature decreased the stiffness will be retained.

Heating may cause minor shrinkage of the material.

*Strength impact**
The product is designed to withstand normal handling in frozen conditions, but special care is required when handling the products in cold conditions.

Minimum temperature is -18 °C. As the product becomes brittle at low temperatures, the following recommendations should be followed to avoid damage to the products:

- being frozen, the items have to be handled very carefully.
- stack the finished products upright in the case and do not over stack the products
- avoid that the products can move and shift in the packaging during transport.

Sealability
Good sealing can be obtained with different kinds of seal films. Due to the variety of seal films and applications the sealability should be tested by the end user for best acceptance.

Sealing
When sealing the trays through welding, a small amount decomposition product 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.

Packaging and Packaging Waste
The product and its packaging comply with all essential requirements of Directive 94/62/EC on packaging and packaging waste as well as the forthcoming Packaging and Packaging Waste Regulation (PPWR), Regulation (EU) 2025/40.

Environmental Aspects
Product
PP stands for polypropylene, which is a type of virgin plastic originating from fossil sources. Polypropylene is a semi-crystalline thermoplastic, meaning its molecular structure consists of both crystalline and amorphous regions, giving the material a good balance of strength, flexibility, and heat resistance.

PFAS (per- and polyfluoroalkyl substances) are not intentionally being used in any step of the manufacturing of trays.

Packaging
Polyethylene is used for packaging purposes and derived from fossil sources.

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The corrugated board box is unbleached and to a large extent made of recycled fibers.

Product Safety
The product fulfils the following:

- Article 3, 11(5), 15 and 17 of Regulation (EC) No 1935/2004 (Framework regulation)
- EU Regulation 2023/2006/EC (GMP - Good Manufacturing Practice)
- EU Regulation 10/2011/EC with amendments (Plastic regulation)
- EU Regulation (EU) 2024/3190 on the use of bisphenol A (BPA) and other bisphenols
- Article 5 of Regulation (EU) 2025/40 on Packaging and Packaging Waste (PPWR) regarding the restriction of per- and polyfluoroalkyl substances (PFAS) and heavy metals
- Duni manufacturing units are certified according to the international quality system ISO 9001. They have also implemented the environmental management system ISO 14001

Storage conditions
Recommended storage conditions: 15°C-25°C in a dry place, away from direct sunlight.

End of Life
Recycling
Collection, sorting, and material recovery are all part of the recycling process. Recycling is dependent on local waste-handling infrastructure.

The product is made from polypropylene (PP). In current waste-management systems, PP packaging is generally handled within the plastic fraction intended for recycling. The effectiveness of recycling depends on local collection, sorting, and recycling infrastructure, as well as the design and condition of the packaging.

The packaging materials may be sorted with paper or plastic for recycling.

Local waste-management guidelines should always be consulted for market-specific recycling instructions.

Energy Recovery
Incineration facilities for energy recovery are dependent on local infrastructure. Incineration for energy recovery is a good alternative when material recovery is not available by recycling.

Validity
This document is issued 2026-04-22. It is revised when there is a change in the manufacturing process, in the product or in legislation.

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