

Product Safety Sheet - Usage information for consumers

Plastic pallets

Explanation of markings:

Manufacturer details

The manufacturer's information is often found in a specific location, such as on the side or bottom of the product. This can be displayed in the form of a logo, brand name, or an embedded label.

Production batch

You can find the production batch on our plastic products by looking at the injection molding clock. This marking, often found on the bottom or side of the product, provides information about the production year and month. The injection molding clock is a useful tool for determining the exact production date, which is helpful for quality control, warranty claims, or product recalls.

Food safety symbol

Many of our plastic products feature the food safety symbol, which indicates that the product is safe for direct contact with food. This symbol is usually represented by a glass and fork and is typically located in a visible spot, such as the side or bottom of the product. The food safety symbol is important if you want to ensure that the product is suitable for use in the food industry, household applications, or other situations in which the plastic product directly comes in contact with food. This information can also be found in our product datasheets.

Material type

The type of material of our plastic products can be identified by the material symbol on the product, usually found on the bottom or side. This symbol consists of an abbreviation, such as 'PP' (polypropylene), 'HDPE' (high-density polyethylene), 'PVC' (polyvinyl chloride), or 'ABS' (acrylonitrile butadiene styrene), often depicted within a triangle of arrows. This symbol helps you quickly determine the material and suitability for an applications. In addition to the markings on the product, detailed information regarding the type and properties of the plastic material is provided in our product datasheets. This information is essential for making well-informed material selections, particularly when specific properties such as food safety, temperature resistance, or chemical resistance are critical considerations.

Product specifications


- **Product datasheet:** Product datasheets can be downloaded from our [website](#) or [webshop](#) by searching for the product's article number.
- **Dimensions:** The dimensions may vary by up to 2%, either up or down, compared to the specified measurements. Temperature variations may affect the dimensions.
- **Material:** See the product datasheet for details.
- **Recycling:** The product is fully recyclable and should be disposed of in accordance with the applicable local recycling regulations and guidelines.

Load capacity

- **Load capacity:** The specified maximum loads apply to evenly distributed, stable goods at a temperature of 20°C. Exceeding these limits may result in product damage.

- **Static load capacity:** Maximum weight a pallet can support when resting flat on a fully supported surface (e.g. floor).
- **Dynamic load capacity:** Maximum weight a pallet can carry during movement (e.g. with a forklift).
- **Racking load capacity:** Applicable when used in a pallet racking systems with support under the solid parts of the skids. Pallets should not be placed in racks and solely rest on the thin parts of the skids. The recommended free span over the long side is 1050 mm. Usage of pallets in drive-in racks may require testing due to larger gaps between the metal support frames.
- **Temperature resistance:** Long-term use at sub-zero temperatures may cause slight shrinkage. Frequent checks on the pallet dimensions are advised for racking applications. Extreme temperatures may negatively affect impact resistance, durability, and load capacity.

Color and food safety

- **Colors:** Colors are indicated with RAL tones. The specified RAL tones are estimations; colors in plastic may vary slightly from the specified RAL color. Furthermore, color variations may arise due to differences in the raw materials utilized.
- **Food safety:** Products suitable for direct contact with food are marked with a  symbol as described under "Explanation of markings." Ensuring timely cleaning and maintaining hygiene is the responsibility of the user.

Potential risks

- **Material breakage and injury:** Overloading or improper use (e.g., excessive temperatures, improper handling, or unsuitable racking types) can cause pallets to break, potentially leading to falling objects.
- **Physical strain:** Moving pallets with a load can cause physical exertion, potentially leading to back or muscle strain.
- **Health risks:** Risks include pinching or injury during handling.
- **Overloading:** Exceeding the specified load capacities, as indicated in the product datasheet, may result in deformation or breaking of the pallets.
- **Uneven surfaces:** Using pallets on unstable or uneven surfaces can lead to instability, increasing the risk of falling objects and damage.
- **Operating temperatures:** Operating pallets outside the specified temperature limits may lead to deformation or breakage.
- **Fire hazard:** Plastic materials can melt when exposed to open flames or extreme heat, posing a fire risk and releasing toxic fumes.
- **Inadequate cleaning:** Lack of cleaning can promote bacterial growth and cross-contamination, particularly in food-related environments.
- **Slipping and sliding:**
 - Goods may slide on plastic pallets when they are wet or humid.
 - Stacked plastic pallets may shift during transport or storage.
 - Plastic pallets may slide out of racking systems under certain conditions.

Safety measures

- **Even load distribution:** Distribute goods evenly on the pallet to prevent tipping and instability.
- **Operating temperature:** Use pallets within the specified temperature range to avoid deformation or damage.
- **Frequent inspections:** Inspect pallets regularly for cracks, deformations, or signs of wear. Replace any damaged pallets immediately.
- **Proper handling:** Secure loads with anti-slip features or 7/22 mm rims to minimize the risk of slipping. Ensure that stacked pallets are stable.
- **Usage of protective gloves:** Wear protective gloves when handling damaged pallets to avoid injuries.
- **Transport tools:** Use appropriate handling equipment, such as forklifts, to ensure safe transport.
- **Avoid overloading:** Do not exceed the recommended load capacities.
- **Frequent cleaning:** Clean pallets thoroughly using approved cleaning agents to meet hygiene standards. Rinse with clean water and ensure they are completely dry.
- **Stacking stability:** Ensure stacked pallets are stable to prevent shifting during transport or storage.

For questions or more information, please contact:

Transoplast BV

(Distributor)

Ulenpasweg 2

7041 GB 's-Heerenberg

The Netherlands

Email: info@transoplast.com

Phone: +31 (0)314-664400