



SAFETY DATA SHEET

Codice PL 602B

TECHNICAL SPECIFICATIONS

Description:	Stackable crate	20 l
	Bottom	Closed
	Walls	Closed
	Handles	Closed
Raw material:	High density polyethylene (HDPE)	
Usage:	Multipurpose container designed for handling and storage of bulk goods. Perfect for almost any industry, it is particularly suitable for pharmaceutical, chemical, logistics and transport companies. Non deformable and very stable it withstands even at heavy loads. It resists to thermal shock and corrosive chemicals.	

GENERAL SAFETY RULES

FOR PROFESSIONAL USE ONLY - NOT A TOY, KEEP OUT OF REACH OF CHILDREN

FOR ANY SPECIFIC APPLICATION, USER IS RESPONSIBLE FOR VERIFYING THE CHEMICAL COMPATIBILITY

Any use of containers or crates (opening, filling, closing, handling, emptying, etc.) must be carried out by trained personnel equipped with appropriate personal protective equipment (gloves, safety shoes, mask or respirators only for instance).

Containers must always be placed in vertical position. Small volume containers should be handled and moved by means of special racks. Large containers should be handled and moved by means of pallets. Never handling them in unstable conditions.

The mechanical features are greatly affected by the temperature due to the progressive softening of the container while increasing the temperature and its embrittlement at low temperatures. Use at temperatures below -10 °C or above 40 °C must be carefully tested and validated by the user especially with regards to strength of handles, stackability performance, load handling.

In case of hot filling (temperature higher than 60 °C) capping operations and/or container stacking is not recommended until cooling down to room temperature has occurred.

Never expose containers to direct sunlight.

HAZARDS IDENTIFICATION

Physical or chemical properties	No hazards resulting from product as supplied.
Properties affecting health	No hazards resulting from product as supplied.
Environmental properties	No hazards resulting from product as supplied.



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FIRST AID MEASURES

At room temperature the product is neither an irritant nor gives off hazardous vapours. The measures listed below apply to critical situations (Fire, incorrect process conditions).

Skin Contact	Molten material adheres to the skin and causes severe burns. Immediately rinse with water to cool the affected area. Do not attempt to peel off the polymer from skin. Ask immediately for medical attention.
Eye Contact	The pulverized polymer or combustion vapours may irritate the eyes. Rinse immediately with plenty of water. Ask immediately for medical attention.
Inhalation	The pulverized polymer or combustion vapours may irritate the nose, throat and respiratory tract. In case of breathing difficulty far away from contaminated area and take fresh air. Ask immediately for medical attention.

FIRE FIGHTING MEASURES

Fire & Explosion hazards	The product is not classified as flammable but will burn in case of fire. Hazardous combustion products such as carbon monoxide, toxic gases, and unburned hydrocarbons (black smoke) may be generated.
Suitable Extinguishing Media	Extinguish preferably with foam, carbon Dioxide, water/water mist or dry chemical. Do not use high volume water jet or waterspray.
Other	Molten product tends to flow or drip and could start secondary fires.

CHEMICAL COMPATIBILITY

Products manufactured by polyethylene or polypropylene are normally suitable for room-temperature contact with many organic solvents, diluted solutions of acids, bases and salts. They are typically not suitable for use with concentrated oxidizing acids and halogenated solvents. Detailed information on physical properties and chemical resistance (including concentration and temperature effect) are available upon request.

Several factors however may effect chemical compatibility such as temperature, concentration, contact time, presence of internal stress, wall/film thickness. The user is advised to carry out its own tests to determine product suitability for the particular environment/application.

STORAGE CONDITIONS

Storage area should be clean and dry, odor free, possibly equipped with pest control system. Product should be stored in its original sealed packaging, always protect from dust. Never place packaging on the floor. Use instead raised surfaces such as pallets or shelves. Optimum storage temperature is between 10°C and 30°C, 20% to 80% RH. Never exceed the following limits: -10°C / +40°C. Never expose product to direct sunlight.



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Re-use	The product is reusable. The user must verify that the conditions of use, for each specific application, permit its reuse.
Degradability	The product is not biodegradable.
Toxicity	This material is not volatile and it is insoluble in water. However small particles can have physical effects on water and soil organisms.

DISPOSAL CONSIDERATIONS

The clean and residue-free product can be sent for recycling. The polluted product must be sent for separate disposal in compliance with the regulations in force. All packaging material used for shipping and storage must be disposed of separately according to the regulations in force.

LEGAL DISCLAIMER

The information contained in this data sheet are intended for informational purposes only and may be modified without notice. Lamaplast Srl reserves the right to make improvements and / or changes to the product described without notice.