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Did you know that the tags keeping your bread bags closed are made from high impact polystyrene?



Polystyrene

POLYSTYRENE PACKAGING COUNCIL



Tel (012) 259 0554

www.polystyrenepackaging.co.za

Did you know...?

Fast facts about Polystyrene



Polystyrene is the number six (6) plastic

Polystyrene is the **best insulator**

Polystyrene has the **lowest carbon footprint**

Polystyrene can be recycled up to **20 times** without any damage to its physical properties.

Recycling programs

are up and running **countrywide.**

Ingot machines makes Polystyrene recycling feasible

A high volume recycling programme has been established by the **Polystyrene Packaging Council**.

With huge success, large numbers of Polystyrene is compressed into sausage-like ingots by the first locally-made Ingot machine, which is operational in Pretoria North.

The advantages of recycling your polystyrene by using an Ingot machine include:

- Only about five percent (5%) of foam packaging is Polystyrene, the rest is air. The making of Ingots out of the Polystyrene creates an improved carbon footprint when transporting the Polystyrene, as the Ingot condenses the Polystyrene up to 200 times its original density.
- Life cycle studies have shown that the recycling of Polystyrene has the best environmental impact compared to land filling.
- Polystyrene already has a very low carbon footprint due to the lightness of the product, and recycling the material makes it a better option.

The market for recycled polystyrene in SA is great and by compressing the polystyrene and allowing recyclers to work with large quantities, it makes polystyrene a feasible and unique product to recycle.



Recycle your **polystyrene**

Recycle at home

- Rinse contaminated recyclables in your used dishwashing water.
- Separate your recyclables into different containers, for example plastics, glass, paper and cans.
- Separate **polystyrene**, the number 6 plastic, together with the other plastics.
- Contact the **Polystyrene** Packaging Council for your closest drop-off site or collection agent in your area.

Polystyrene has the lowest carbon footprint

Recycled polystyrene becomes ...

- Picture frames
- Cornices
- Seedling trays
- Curtain rods
- Skirtings
- Tiebacks

Cappuccino Mix

Ingredients

1 cup powdered non-dairy creamer
1 cup instant chocolate drink mix
3/4 cup instant coffee granules

1/2 cup white sugar
1/2 teaspoon ground cinnamon
1/4 teaspoon ground nutmeg

Directions

1. In a medium-sized glass jar, combine the non-dairy creamer, chocolate drink mix, instant coffee, sugar, cinnamon and nutmeg; mix well.
2. To prepare, place 2 tablespoons of mix in a **polystyrene cup**, add 3/4 cup of boiling water, and stir until dissolved. Serve hot.

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Recycle your
polystyrene!
www.polystyrenepackaging.co.za

Alert on Biodegradable Plastics

The debate around packaging waste has been going on for years and numerous solutions have been sought to solve the problem. The latest development is the manufacturing of biodegradable plastics.

- The plastics recycling industry in South Africa is well established, but one of the most challenging issues they face is to build confidence and trust in recycled materials.
- Recycled plastics is a viable material to use in products such as irrigation pipes and builders firms, but it is very difficult to identify and sort biodegradable products in recycling facilities, so when landing in the waste stream, it will affect the technical integrity of the recycled products.
- When choosing to use biodegradable products, one should know that there are no drop-off points that the consumer can take the products to. The plastics should be degraded in a compost heap in your own yard.
- Very stringent methods and policies apply, as the materials in the compost heap will exude methane gases that have a negative impact on the environment, making the use of biodegradable products not as cut-and-dry as one would think.
- The best option is still recycling and polystyrene is a viable and sustainable product to recycle.



Breadtags for wheelchairs

Did you know that the tags keeping your bread bags closed are made from **high impact polystyrene**? And the good news is that the collection thereof will give someone in need a wheelchair.

Numerous schools, churches and communities have started with their own Bread Tag Project. You can also get involved in this splendid project. All you need to do is collect bread tags from family, friends and neighbours and contact the PSPC to let them know that your project is underway. The amount of bread tags collected for a new wheelchair will be discussed and the PSPC will assist with the contacts to get a basic wheelchair to the value of R1 350.00 to you or any person / organisation of your choice.

**What are you waiting for?
Run for the breadbin!**

