

PEBBLE BOX CONTAINERS

FAQ - Frequently Asked Questions

Ecopax, LLC has introduced a new line of polypropylene-based hinged lid containers called Pebble Box Containers. This carryout container is being provided to customers as an alternative to polystyrene foam containers due to functionality, recyclability and enhanced source reduction. Below are some questions that are frequently asked regarding carryout containers.



Q: What is source reduction and why choose Pebble Box Containers?

A: Source reduction is the reduced use of a raw material in quantity or volume in the making of a product. This can be accomplished in a number of ways such as simply “lightening” or down gauging” the product with the reduced use of a material which normally leads to a reduction in product strength and performance. This can also be accomplished by using a filler material that is compatible with the base material in the manufacturing process. Source reduction became a production strategy in the 1990’s since plastics were derivatives of crude oil. Drilling for crude oil and the production of its derivatives are believed to have big carbon footprints. Therefore, using less plastic is equivalent to reducing the carbon footprint. Pebble Box containers have up to 40% of an FDA approved filler material that is compatible with the polypropylene resin. Reducing the amount of resin required by 40% (or any percent) to produce a quality container means that 40% less plastic is needed to make a functional product. In turn, this reduces the demand for raw materials such as fossil fuels leading to a chain reaction where the carbon footprint for this product is reduced. Less demand for gas and/or oil results in less need for drilling and refining for these limited resources. Less energy is required to provide the reduced amounts of resin. All of this has a positive impact on the environment.



Q: Are Pebble Box Containers compostable or biodegradable?

A: Pebble Box Containers are recyclable. They have recycle symbol of #5. Please follow your municipal recycling guidelines.

Q: What is the filler material in the Pebble Box products?

A: The scientific name for the filler material is hydrated magnesium silicate. It is derived from minerals extracted from mineral rocks. This material is approved by FDA for food containers.



Q: Why choose Pebble Box containers over paper based containers?

A: In general, paper food containers and paper cups are coated with polyethylene to create a grease and moisture barrier. The polyethylene coating renders those types of paper containers and cups non-recyclable. Molded fiber containers have also gained popularity recently due to the green perception. The manufacturing process of molded fibers involves high usage and discharge of water whereas the production process of Pebble Box containers does not involve water.

For more information on the Ecopax Pebble Box Containers and other products, visit our website at www.ecopaxinc.com.

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