

THE PLATINUM PACKAGING GROUP

GENERAL INFORMATION ON COMPOSTABLE



1 Sustainability & Environment

- Bagasse is sugarcane fiber pulp, left after the juice has been extracted from the sugar cane stalk. Bagasse is normally seen as a waste product and is often burned thereby causing air pollution. Making tableware out of the sugarcane pulp solves the problem of waste and as well creates a value-added product from a material, which is treated as a waste product.

- Sugarcane tableware manufacturing process is completely a resource efficient process. **Material** - after the products have been formed they are taken to be trimmed. We do not dispose of the trimmings but rather reintroduce the material into our pulping machines until it ends up in final product. **Water** - we have a closed-loop water system that allows us to efficiently use our water resources. Our primary loss of water occurs through evaporation.



2 Biodegradable Process

- Bagasse tableware will biodegrade at the same rate as garden waste in a home composting system, which, depending on the home composting system, can be approximately from 60-90 days. They will degrade faster in a commercial composting facility.



*Information on Wheatstraw

1. Environmental protection capacity

- Wheat is abundant in North China and people there regard it as staple food down the ages. But, the straw after the harvest of the wheat, however, has never been used efficiently. Previously, the straw was burned and used as fertilizer. But doing this will bring about harmful gas such as CO or SO which do harm to the environment and the atmosphere. So, the using of wheat straw became an important subject in environmental protection.

We adopted wheat straw as raw material to produce paper pulp tableware creatively and became the model in the field of the multipurpose use of crops.



2 Recycling

- First step, the wheat became high-quality paper pulp after scientifically and hygienically processed, next, the pulp was produced to eco-friendly disposable tableware. The wheat straw pulp tableware can be embedded into the earth after using, and then biodegrades to organic fertilizer in 45-60 days. This fully conforms to the principle of people living in harmony with nature.



3. The unique and great features of wheat straw pulp table wares.

The wheat straw pulp is made of natural wheat straw, has the following features:

1. Made from 100% sugarcane and straw.
2. A 100% biodegradable, Healthy, Nontoxic, Harmless and Sanitary
3. 120°C oil and 100°C water resistant, neither deforming nor leaking.
4. Microwavable
5. Can be recycled

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