



GoodBioPak

Providing a Total Solution for Food Packaging

PLA Products | Injection Molding & Other Products



Plant Area is
323,000+ Sq.ft

100,000

100,000 Level
Purification Workshops



International Preferred
Brand Production Line



Cooperation with
Total Corbion & SJTU



Self-developed
Products



Complete
Certification

Top Green World Packaging Co., Ltd.



GoodBioPak



**We Contribute to the
Protection of the Earth**

— TGP Solution

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GoodBioPak

Pursue the Ultimate in Packaging Art Presenting Fashion & Exquisite Packaging Art

Covers a series of beverage & food packaging

Cooperative Customers



古茗[®]



BODUO

東發道



GoodBioPak

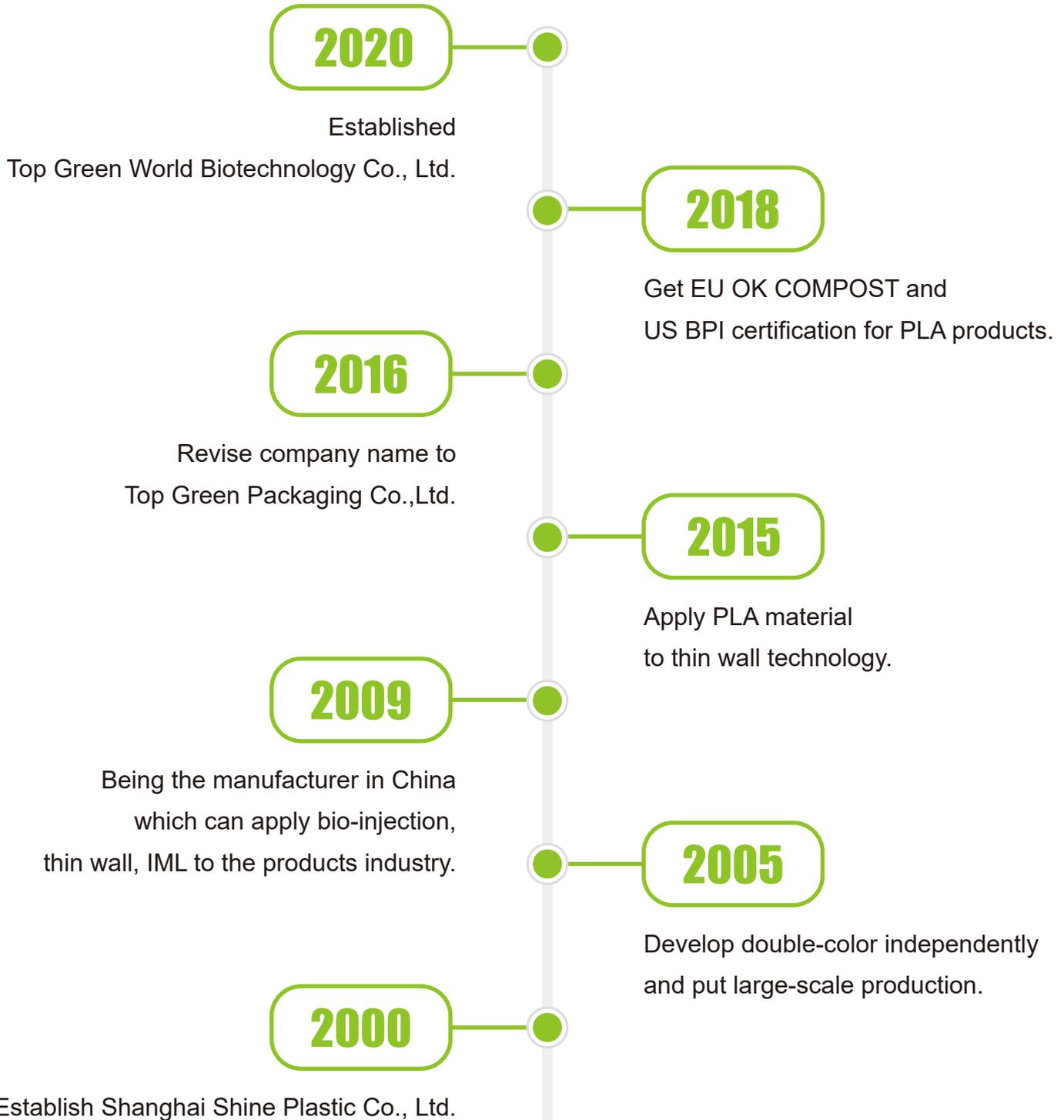
Top Green World packaging Co., Ltd. is an enterprise specializing in R&D, production, technology promotion of PP material products and PLA material biodegradable products. TGP develops and produces food immediate contact packing products. It is located in Jinshan Industrial Zone, Shanghai China. It covers an area of 30,000 square meters with about 200 employees.

TGP is dedicated to creating a safe and hygienic smart factory. It puts forward the concept of sustainability and environmental protection, It advocates that “quality is the life of the company and environmental protection is the source of the business” . TGP has passed the ISO9000 quality management system certification, and has been audited by the world's authoritative certification body SGS. Meanwhile it has passed the certifications of GMP and HACCP food quality and safety management system.

TGP has a large sales network at home and abroad. It has established a solid sales network in major domestic cities such as Beijing, Shanghai and Shenzhen, as well as more than 20 countries including North America and Europe.

PLA bio-degradation technology researched by TGP can convert plant starch or sugar into biodegradable materials, then TGP uses it to produce packaging, utensils, cups and straws , which can be degraded under the organic action of microorganisms without remaining in the air, water or soil, as well as no pollution to the environment. TGP already gets the EU OK COMPOST certificate and the US BPI certificate.

DEVELOPMENT PATH



CERTIFICATION

TGP became a "strategic partner" with Total Cobion in 2019, with an annual output of 17,300 tons of 100% biodegradable products. At the same time, it also reached a technical cooperation with Shanghai Jiaotong University, and successfully developed innovative high heat-resistant PLA modified materials.



FDA Registration



OK Compost Industrial Certified



ISO 22000:2018 Certified



HACCP Certified



Strategic Partner of Total Cobion



ISO 9001:2015 Certified



100% Biodegradation Rate Test Report



Appearance and Microbiological Test Report



Heat Resistance 80°C Test Report



100% Biodegradable Material Experimental Base of Shanghai Jiao Tong University

OUR ADVANTAGES

- 01 Plant Area is 323,000+ sq.ft**

The factory is located in Jinshan Industrial Zone, Shanghai, China, with a plant area of 323000+sq.ft, which can meet the needs of customers for mass customization.
- 02 100,000 Level Purification Workshops**

The factory is equipped with an international standard ISO14644-1 100,000-level purification workshop to ensure the reliability of the production environment.
- 03 International Preferred Brand Production Line**

The factory has production lines such as KraussMaffei butt-injection injection molding machine & fully automatic extruder, Engel high-speed injection molding machine, Demag high-speed injection molding machine, etc., which can achieve 7×24 hours of high-efficiency operation.
- 04 Cooperation with Total Corbion and STJU**

Reached technical cooperation with Total Corbion to jointly develop various biodegradable products based on polylactic acid. Co-developed biodegradable materials with Shanghai Jiaotong University, and has obtained a number of patents and certifications.
- 05 Self-developed Products**

Every year, 20% of the total sales are invested as R&D funds to independently develop and produce products. There is no middleman to earn the price difference, saving the purchase cost for the customer.
- 06 Complete Certification**

Relevant certificates: FDA, SGS, EU OK COMPOST, US BPI, etc.

PRODUCTION LINE



First Workshop



Second Workshop



Straw Workshop



Custom Mold Processing Workshop



Central Supply Room



Warehouse



100% BIO. Modified Material

The annual output of 100% biodegradable modified materials reaches 5,200 tons.

- The performance of modified materials is more stable.
- High modification technology and product quality.
- The annual output of 100% biodegradable straws reaches 2 billion.



Reduce costs from materials and form an efficient industrial chain.

- It not only reduces the cost of materials for customers, but also develops more cost-effective fully degradable product solutions to meet the needs of customers in all aspects.

Automated operation to prevent material contamination.

- Meet the safety requirements for food contact.
- Ensure product quality is safe and reliable.
- The whole process can be traced back.





PLA Straw

Customizable



Diameter
5-13mm



Length
40-350mm



Thickness
0.1-0.4mm

Brand	A Little Milk Tea	COCO	HEYTEA	GOODME
Style 1	8×210	7.1×220	12×240	6×220
Style	11×210	11×220	/	11×220

*The above specifications are diameter (mm) × length (mm), if the data specifications are subject to change without prior notice.

Pointed End

Flat End



100% biodegradable straws can meet the temperature requirements of normal temperature, cold drink and hot drink straws.





PLA Cutlery

► **Product** **Temperature Resistance**
 PLA Knife -10°C ~ +80°C

Size(L×W/mm) **Weight**
 164×17 4.3g



◀ **Product** **Temperature Resistance**
 PLA Fork -10°C ~ +80°C

Size(L×W/mm) **Weight**
 163×27 3.8g

► **Product** **Temperature Resistance**
 PLA Spoon -10°C ~ +80°C

Size(L×W/mm) **Weight**
 162×35 3.8g





PLA Cutlery



◀ **Product**
PLA Two-teeth Fork

Size(L×W/mm)
 68.5×17

Weight
 1.9g

Temp. Resistance
 -10°C ~ +80°C



◀ **Product**
PLA Four-teeth Fork

Size(L×W/mm)
 69×33.4

Weight
 2.9g

Temp. Resistance
 -10°C ~ +80°C

▶ **Product**
PLA Stir Spoon

Size(L×W/mm)
 58×17.8

Weight
 1.5g

Temp. Resistance
 -10°C ~ +80°C



▶ **Product**
PLA Spoon

Size(L×W/mm)
 71.6×33.4

Weight
 3.3g

Temp. Resistance
 -10°C ~ +80°C





PLA U Shape Cup



Product

PLA U Shape Cup

By Usage

Boba, sparkling water, etc.

Temperature Resistance

-10°C ~ +50°C

Color

Clear, frosted

Size(Diameter/mm-Capacity/ml)

90-500

Customize

Yes



Product

PP Lid

Size(Diameter)

90mm

Temperature Resistance

-10°C ~ +120°C

Customize

Yes



PLA Blow Molding Cup



Product

PLA Blow Molding Cup

By Usage

Boba, sparkling water, etc.

Temperature Resistance

-10°C ~ +45°C

Color

Clear

Size(Diameter/mm-Capacity/ml)

53-500

Customize

Yes



Product

Aluminum Cup Lid

Size(Diameter)

53mm

Temperature Resistance

-10°C ~ +45°C

Customize

Yes



PLA Ice Cream Stick



Product

PLA Ice Cream Stick

Temperature Resistance

-10°C ~ +50°C

Size

Customizable

Color

Customizable

Customize

Yes

By Usage

Ice cream



PLA Packing Bag



Product

PLA Packaging Bag

Temperature Resistance

-10°C ~ +50°C

Size

Customizable

Color

Customizable

Customize

Yes

By Usage

Supermarkets, beverage, lunch box delivery, etc.



Two-color Lid



- New polymer material, safe and tasteless.
- The tightness is high, and the drink will not overflow.
- One-piece molding, no risk of falling or inhalation when the straw pierces the socket.

Product

Two-color Lid

Temperature Resistance

-10°C ~ +120°C

Size(Diameter)

90mm

Color

Customizable

Customize

Yes

By Usage

Boba, sparkling water, coffee, etc.



PP Cup

* The packaging is for reference only, and the copyright of the picture belongs to the brand merchant.

Clear

Frosted



Product

PP Cup

Temperature Resistance

-10°C ~ +120°C

Size(Diameter/mm-Capacity/ml)

90-500 / 520 / 700

Edge Width

Wide / Middle / Narrow

Color

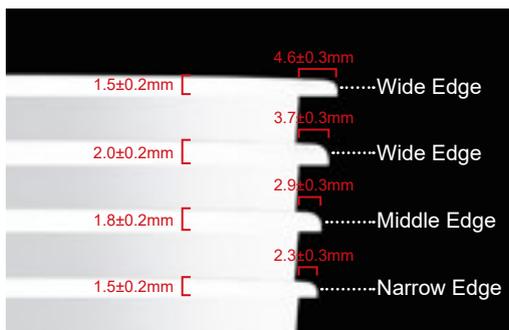
Clear, frosted

Customize

Yes

By Usage

Boba, sparkling water, coffee, etc.





PP Bucket Cup

Clear

Frosted



Product

PP Bucket Cup

By Usage

Boba, sparkling water, etc.

Temperature Resistance

-10°C ~ +120°C

Color

Clear, frosted

Size(Diameter/mm-Capacity/ml)

118-1000

Customize

Yes



Product

PP Lid

Size(Diameter)

118mm

Temperature Resistance

-10°C ~ +120°C

Customize

Yes



PP Portable Bucket Cup



Product

Portable Bucket Cup

By Usage

Boba, sparkling water, etc.

Temperature Resistance

-10°C ~ +100°C

Color

Clear, frosted

Size(Diameter/mm-Capacity/ml)

127-1000

Customize

Yes



Product

PP Lid

Size(Diameter)

127mm

Temperature Resistance

-10°C ~ +100°C

Customize

Yes



Ancillary Products

► **Product** **Size(Can Hold Cup Diameter)**
 Cup Carrier Tray 80mm, 90mm

Material
 Corrugated / Wood Pulp



◀ **Product** **Size(Can Hold Cup Diameter)**
 Cup Sleeve Customizable

Material **Customize**
 Customizable Yes

► **Product** **Color**
 Fork Clear, frosted

Material
 PP





STARTING FROM THE HEART



GoodBioPak

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