



# 晟尔达智能科技 SRD Innotech

## Cornstarch Tableware Product Introduction







# 我们的工厂图片 Pictures of our factory

Production Line



Production Line



Raw Material Process Workshop



# Introduction

- ▶ Xiamen SRD Innotech Co., Ltd specializes in research, development, production and marketing of eco-friendly tableware and packing materials.
- ▶ Natural corns can be processed into non-toxic, harmless cornstarch that is used to make corn tableware and packaging materials. The product meets US FDA food hygiene processing standard and ISO14855 certification for biodegradability. Cornstarch are ideal replacement for non-biodegradable synthetic plastics like PP, PE, PVC, PS, PET and foam etc.
- ▶ Our customers include domestics, the United States, Canada, Germany, Netherland, Italy, Japan, Singapore, Vietnam and Taiwan. With our business philosophy “market-oriented, innovation power” , we want to be part of global efforts to reduce “white pollution” and promote “green ecological envrionment” . We want you to join our efforts.





# Plastics & Foam are Harmful!

- ▶ Plastics & Foam are made from petroleum and natural gas, through processes that releases green-house gases that cause climate change. Some plastics & foam are contain known carcinogens and leach harmful toxics, negatively impacting consumers.
- ▶ Plastics & Foam are engineered to last. They can take fully 500 years to break down in the environment. Burning plastics & foam can give off toxic chemicals, causing environmental pollution.
- ▶ Getting rid of plastics & foam are extremely difficult. Many end up in landfill or shoreline. Many sea animals perish from consuming plastics & foam that have been thrown into the oceans.



# Biodegradation

- ▶ Biodegradation is nature's way of recycling wastes. Cornstarch are compostable and biodegradable. When disposed in the environment, they decay and blend harmlessly with soil into organic fertilizer. Full degradation is achievable within 6 months.



# Comparisons

## Cornstarch tableware:

- ▶ Made from sustainable and fast growing crop.
- ▶ Breakdown naturally under water, air and sunlight
- ▶ No glue, wax or plastic plasticizers
- ▶ Durable, no leakage
- ▶ Usable temperature between -20 °C to 120°C
- ▶ Microwave and refrigerator safe.
- ▶ Burning will not release toxic gases; ashes is non-toxic

## Plastics & Foam tableware:

- ▶ Product of chemical processes
- ▶ Processing consume a lot of energy
- ▶ Non biodegradable
- ▶ Some plastics & foam contain harmful substances
- ▶ Usable temperature between -10°C to 100°C
- ▶ Not all plastics & foam are microwave safe
- ▶ Burning plastics & foam produces toxic gases such as carbon monoxide, dioxins and furans



# Comparisons

## Paper pulp tableware:

- ▶ Chemical processing of pulp and recycle paper
- ▶ Processing consume a lot of water and energy
- ▶ May contain glue, wax or plastic film
- ▶ Soft, flimsy, not suitable for hot water
- ▶ Usable temperature between 10°C to 95°C

## Sugarcane tableware:

- ▶ Chemical processing of bagasse
- ▶ Processing consume a lot of water and energy
- ▶ Relatively dense and heavier
- ▶ Hot water test – bubble surface





# Hot Water test

## 热水试验测试

Cornstarch Plate:



No Bubbles



Easy to take



No leakage

Sugarcane Plate:



Bubbles



Not easy to take



Leakaging





# Burning test

## 燃烧试验测试

Cornstarch Plate:



*No black smoke or toxins*



*No oil drops*



*Burn to a grey ash*

Sugarcane Plate:



*Burning*



*Smoking*



*Black grey ash*



**Cornstarch  
BGD-02**

**Size: 180mm  
7.09in**



**Cutlery: Knife**

**Cornstarch  
BGC-02**

**Size: 170mm  
6.69in**



**Cutlery: Fork**

**Cornstarch  
BGS-02**

**Size: 170mm  
6.69in**



**Cutlery: Spoon**

**Cornstarch  
BGS-05**

**Size: 150mm  
5.91in**



**Cheese Spoon**

**Cornstarch  
BGS-04**

**Size: 120mm  
4.72in**



**Cutlery: Soup Spoon**

## Cutlery Series



市场为导向，创新为动力  
Marketed-oriented, innovation power



**Cornstarch  
BGY-0601**

**Size:  $\Phi$ 152.4mm  
 $\Phi$ 5.91in**



**Plate**

**Cornstarch  
BGY-0701**

**Size:  $\Phi$ 178mm  
 $\Phi$ 7in**



**Plate**

**Cornstarch  
BGY-0901**

**Size:  $\Phi$ 228.6mm  
 $\Phi$ 9in**



**Plate**

**Cornstarch  
BGY-1003**

**Size:  $\Phi$ 254mm  
 $\Phi$ 10in**



**Plate**

**Cornstarch  
BGY-0903**

**Size:  $\Phi$ 228.6mm  
 $\Phi$ 9in**



**Plate**

## Plate Series



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**Cornstarch**      **Size: 190X135X45cm**  
**BGH-450**                      **450ml**



**Fast Food Container**

**Cornstarch**      **Size: 235X165X60cm**  
**BGH-206**                      **800ml**



**Fast Food Container**

**Cornstarch**      **Size: 155X170X70cm**  
**BGH-Hamburger**                      **450ml**



**Hamburger Container**

**Cornstarch**      **Size: 200X215X70cm**  
**BGH-801**                      **1000ml**



**Fast Food Container**

**Cornstarch**      **Size: 200X215X70cm**  
**BGH-803**                      **1000ml**



**Fast Food Container**

## Container Series



市场为导向，创新为动力  
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**Cornstarch  
BGP-04**

**Size: 60x70mm  
120ml**



**CUP**

**Cornstarch  
BGP-06**

**Size: 72x75mm  
170ml**



**CUP**

**Cornstarch  
BGP-08**

**Size: 75x90mm  
250ml**



**CUP**

**Cornstarch  
BGP-16**

**Size: 95x105mm  
470ml**



**CUP**

**Cornstarch  
BGP-12**

**Size: 90x100mm  
350ml**



**CUP**

## Cup Series



**Cornstarch**  
**Model: BGW-100**

**Size: 100x40mm**  
**170ml**



**Bowl**

**Cornstarch**  
**Model: BGW-116**

**Size: 116x45mm**  
**270ml**



**Bowl**

**Cornstarch**  
**Model: BGW-650**

**Size: 133x80mm**  
**650ml**



**Bowl**



**Cornstarch**  
**Tableware**

**Include:**  
**Cup 1 pc**  
**Bowl 2 pcs**  
**Spoon 1 pc**  
**Plate 1 pc**



**Bowl**

**Cornstarch**  
**Tableware**

**Color Packing**



**Bowl Series**



市场为导向，创新为动力  
Marketed-oriented, innovation power



# MSDS



**Certificates**



1041



检测  
CNAS L3129



2011111372Z

# Contact Us

- ▶ For quotation, customized product application and design, please contact us:

Xiamen SRD Innotech Co., Ltd

Tel: (+86) 592-221-6365

Fax: (+86) 592-221-5626

Website: [www.biocornware.com](http://www.biocornware.com)







thank  
you  
very  
much!



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