



晟尔达智能科技

SRD Innotech

Cornstarch Tableware Product Introduction





我们的工厂图片 Pictures of our factory

Raw Material Process Workshop



Production Line



Production Line



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



**Cornstarch
BGY-0601**

**Size: Φ 152.4mm
 Φ 5.91in**



Plate

**Cornstarch
BGY-0701**

**Size: Φ 178mm
 Φ 7in**



Plate

**Cornstarch
BGY-0901**

**Size: Φ 228.6mm
 Φ 9in**



Plate



Plate Series

**Cornstarch
BGY-1003**

**Size: Φ 254mm
 Φ 10in**



Plate

**Cornstarch
BGY-0903**

**Size: Φ 228.6mm
 Φ 9in**



Plate



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



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
Marketed-oriented, innovation power

**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



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

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



FDA



istaTM
CERTIFIED LABORATORY

Certificates



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MA

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检测
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Contact Us

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

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Thank
you
very
much!



市场为导向，创新为动力
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