


A PLASTIC FREE
WORLD

THE NEXT IS HERE WITH

NextGenBio

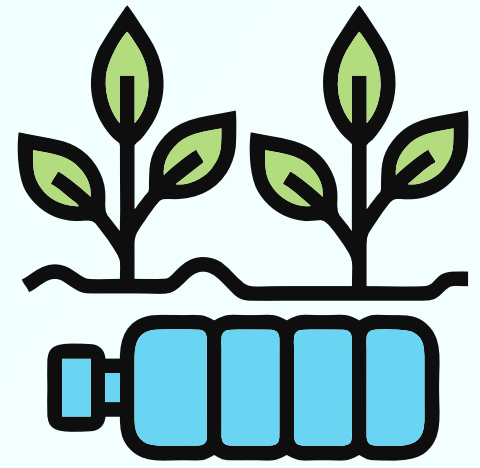
MANUFACTURER OF 100% COMPOSTABLE BAGS/FILMS

THE NEXT IS HERE WITH

The image features the NextGenBio logo in a teal color. The logo consists of a stylized 'N' followed by the text 'xtGenBio'. On either side of the logo, a pair of hands is shown holding a small green seedling with three leaves growing out of a mound of dark soil. The background is a light blue gradient with faint, white line-art icons related to biology and science, such as a microscope, a beaker, a DNA helix, and a cell.

MANUFACTURER OF 100% COMPOSTABLE BAGS/FILMS

WELCOME TO NXT GEN BIO



At Nxt Gen Bio, we believe in a sustainable future with using plastic bags. Nxt Gen Bio bags are made out of cornstarch that are completely bio-degradable and renewable raw material. This is certified that in comparison to regular plastic bags, these bio-based compostable bags are the best alternative that started to decompose completely within 180 days. The main areas of use for Nxt Gen Bio bags are to handle daily life chores such as carrier bags with dual use (first for shopping then for organic waste), grocery bags, garbage bags, bio medical waste collection bags. These can also be used by the shopkeepers, showrooms all market places as well as households, factories, hotels. This, the company makes it very convenient to use and handle your daily life waste.

Our purpose is simple. Every year millions of tons of polythene bags which we used in daily life dump into the ocean and landfills which is harmful to all the living beings as well as our environment in the worst possible ways. We have taken initiative in manufacturing and supplying compostable bags as well as raised our hands against the organic plastic waste by stepping towards a clean, clear, and healthy environment. We are also welcoming and encouraging you to do the same by using our certified products.

Every Year India used 33 million tons of plastics whereas 46% alone are single-use plastics.

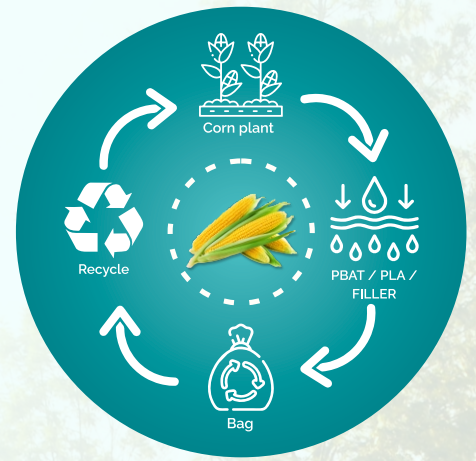
The ban on Single-Use Plastics is a good step to save the environment and reduce pollution but on the other hand, it will affect the industries that are highly dependent on plastic materials.

Are there any solutions to replace the single-used plastics?
Yes, there are several ways.



ABOUT US

Nxt Gen Bio packaging industry cares for all your packaging needs in daily life chores. It is the first packaging company in West Bengal that focused in manufacturing of high quality and versatile compostable bags which help in the management of waste. It is certified that Nxt Gen Bio bags are made from cornstarch which is 100% compostable and not made up of artificial chemicals, so that they can decompose naturally when introduced in the environment.



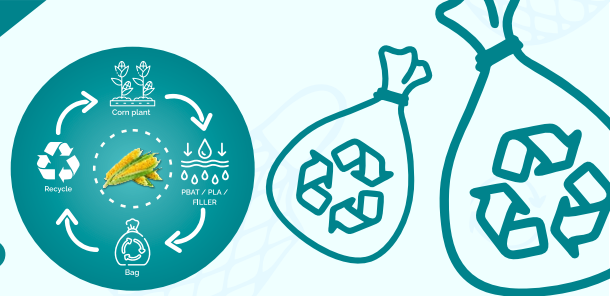
METHODOLOGY IN MANUFACTURING



Biodegradable bags are made up of all natural and renewable products that can be broken down easily by microorganisms under controlled conditions, unlike regular polythene.

Nxt Gen Bio bags also followed eco-friendly method in manufacturing process. Our bags are made from compostable polymers that derived from cornstarch that is poly-lactic acid PLA & PBAT, known as plastics substitute. Cornstarch plastic bag doesn't contain any artificial chemical that used in regular polythene and is an true alternative product in comparison to petroleum based plastics. It carries the same characteristics as regular plastic without producing any harmful pollutants during it's decomposition. While decomposition, when it comes in contact with soil, the entire bag is converted to compost within two months of being in a high humidity composing environment at a temperature of above 60° Celsius or 140° Fahrenheit without leaving any trace. This process doesn't harm the environment in any way as tested, moreover this natural compost helps to improve the soil quality and enhance the soil fertility. This outcome makes Nxt Gen Bio bags 100% nature friendly.

WHY TO CHOOSE BIODEGRADABLE BAGS ?



There are some of the advantages of using biodegradable products which will help you to understand why we should choose compostable bags over regular ones in daily life chores.

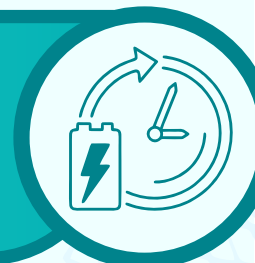
Made From Non-toxic, Renewable Resources And Easier To Recycle

Biodegradable products are made from cornstarch which is completely non-toxic and renewable resource. They can be easily recycled while putting less impact on our environment.



Degradation Time

These products require significantly less time to degrade in soil as compared to non bio-degradable products. It starts to decompose from 180 days when it comes in contact with moisture sunlight and soil



Carbon Footprint

One of the major advantage of using biodegradable products is that it helps in reduction in carbon emissions during the manufacturing process as compared to the regular polythene which helps in climate change mitigation.



Require Less Energy & Water Usage

Biodegradable products need less water and lesser amount of energy in the making process than non biodegradable ones.

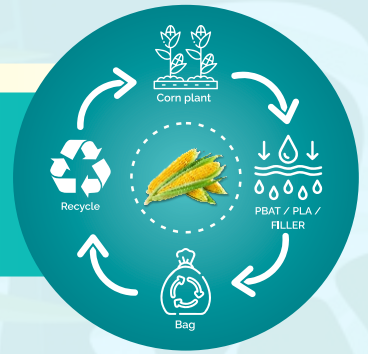


Eco-friendly And Financially Beneficial

These products are 100% eco-friendly alternatives in compare to regular plastics and also reduced waste management cost and land usage.



OUR PRODUCTS



COMPOSTABLE CARRY BAGS

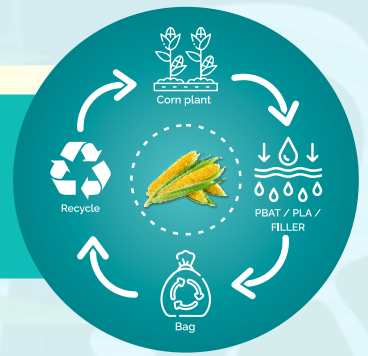
- ▶ 10x12
- ▶ 17x23
- ▶ 13x16
- ▶ 20x26
- ▶ 16x20
- ▶ 27x30



COMPOSTABLE GARBAGE BAGS

- ▶ 17x19
- ▶ 26x30
- ▶ 19x21
- ▶ 30x40
- ▶ 20x26
- ▶ 40x50

OUR PRODUCTS



GROCERY BAGS

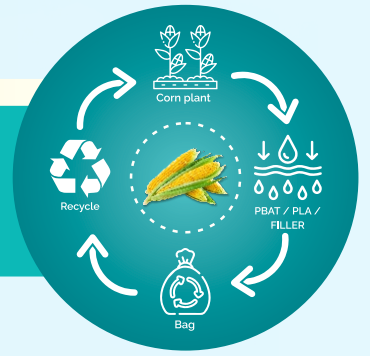
- ▶ 7x10
- ▶ 10x15
- ▶ 8x12
- ▶ 13x20
- ▶ 9x13
- ▶ 16x24



FOOD PACKAGING POUCH

- ▶ 4x6
- ▶ 7x10
- ▶ 5x7
- ▶ 8x11

NO DIMENSION HINDRANCES



We are the first one of its kind manufactures of 100% compostable bags in West Bengal

► 75 micron PP bags in 1 Kg:

Size

10x13 = 61 pieces in 1 Kg

► 20 micron Bio bags in 1 Kg:

Size

10x13 = 229 pieces in 1 Kg

Government Notifications



What the Government is doing for prohibiting of single use plastic ?

#CleanIndiaPlasticFreeIndia

Manufacturing, import, stocking, distribution and sales of following items will be **BANNED from July 1, 2022.**

- Plastic sticks for Ear buds and Balloons
- Plastic Ice cream and candy sticks
- Thermocol for decoration
- PVC banners less than 100 microns stirrers
- Invitation cards
- Wrapping films around sweet boxes
- Plates, cups, glasses, cutlery such as forks, spoons, knives, straw, trays

Prohibiting single-use plastic Making eco-system fantastic!

RKHAND STATE POLLUTION CONTROL BOARD
TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHANU, RANCHI, BIHAR
Telephone: 0851-260000 (Fax) 240000/240001/240002/240003/240004/240005

Notice for Prohibiting Production, Stocking, Distribution, Sale & Use of Single Use Plastic (SUP) Items

Ministry of Environment, Forest & Climate Change has issued notification No G.S.R. 571(E) dated 12th August, 2021 vide which manufacture, import, stocking, distribution, sale and use of identified single use plastic (SUP) items shall be prohibited with effect from the July 01, 2022.

As per Rule 4(2) of PWM Rules, 2016 (as amended), "The manufacture, import, stocking, distribution, sale and use of following single use plastic (SUP), including polystyrene and expanded polystyrene, commodities shall be prohibited with effect from the 1st July, 2022.

(a) Ear buds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice-cream sticks, polystyrene (Thermocol) for decoration;

(b) Plates, cups, glasses, cutlery such as forks, spoons, knives, straws, trays, wrapping or packing films around sweet boxes, invitation cards, and cigarette packets, plastic or PVC banners less than 100 microns, stirrers;

As per Rule 4(1)(i) of PWM Rules, 2016 (as amended) "Carry bag made of virgin or recycled plastic, shall not be less than seventy five microns in thickness with effect from the 30th September, 2022 and one hundred and twenty (120) microns in thickness with effect from 1st December, 2022." However in Ranchi, Polystyrene carry bags of any shape with or without handles, thickness, size & colour has already been banned vide Gazette Notification No. 3900, dated-08.09.2017 & still effective.

This Notice is being issued to inform all Producers, Stockists, Retailers, Shopkeepers, e-commerce Companies, Street Vendors, Commercial Establishments (Malls/ Market place/ Shopping Centres / Cinema Houses / Tourist locations / Schools / Colleges / Office Complexes / Hospitals & other Institutions) and general public to stop production, stocking, distribution, sale and use of identified Single Use Plastic items as per the time-lines specified in the said MoEF&CC Notification. Further, necessary action is to be taken by the concerned entities to ensure zero inventory of the aforementioned Single Use Plastic items by June 30, 2022.

Action, under Environmental Protection Act, 1986 including seizure of goods, levying of Environmental Compensation, closure of operations of industries/ Commercial Establishments, shall be taken against the violators of the said Notification.

Sd/-
(Vandana Kumar Das)
Member Secretary

No. F. No. B-17011/7/PWM/2022
Date: 04.07.2022

Notice for Prohibiting Production, Stocking, Distribution, Sale & Use of Single Use Plastic (SUP) Items

Ministry of Environment, Forest & Climate Change has issued notification No G.S.R. 571(E) dated 12th August, 2021 vide which manufacture, import, stocking, distribution, sale and use of identified single use plastic (SUP) items shall be prohibited with effect from the July 01, 2022.

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Action, as deemed fit under Environmental Protection Act, 1986 including seizure of goods, levying of Environmental Compensation, closure of operations of industries/ Commercial Establishments, shall be taken against the violators of the said Notification.

Sd/-
(Pashant Gargava)
Member Secretary

मध्यप्रदेश प्रदूषण नियंत्रण बोर्ड
पर्यावरण परिसर, ई-5, अरेरा कोलोनी, भोपाल-462016
फोन : 0755-2464428, 2466191, फैक्स : 0755-2463742
ई-मेल : it.mppcb@rediffmail.com

क्रमांक 1406/ज.स./प्रतिबो/2022 भोपाल, दिनांक : 15.02.2022

प्रदेश में सिंगल यूज प्लास्टिक के उपयोग एवं उत्पादन को बन्द करने के संबंध में आम-सूचना

भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा दिनांक 12.08.2021 को भारत के राजपत्र में प्रकाशित अधिसूचना क्रमांक जीएसआर 571(ई) के परिप्रेक्ष्य में प्रदेश के आम नागरिकों, व्यापारियों, ई-कॉमर्स कम्पनियों, उद्योग व व्यापार हेतु पंजीयन/लाइसेंस जारी करने वाली संस्थाओं, कस्टम अथॉरिटीज, जिला प्रशासन, नगरीय प्रशासन, पंचायतों एवं सिंगल यूज प्लास्टिक के उत्पादकों, स्टॉकिस्टों, वितरणकर्ताओं आदि की जानकारी हेतु यह सूचना दी जाती है कि प्रदेश में उपरोक्त वर्गित अधिसूचना के प्रावधानों का पालन सुनिश्चित करना उक्त सभी की जिम्मेदारी है। अधिसूचना में किये गये प्रावधानों के अनुसार प्रदेश में **एक जुलाई, 2022 से** निम्नलिखित सिंगल यूज प्लास्टिक वस्तुओं का निर्माण, आयात, भंडारण, वितरण, विक्रय और उपयोग प्रतिबंधित किया गया है :-

1. प्लास्टिक स्टिक सहित ईयर बड्स,
2. बैलून में उपयोग होने वाले प्लास्टिक स्टिक,
3. प्लास्टिक झण्डे,
4. कैंडी स्टिक,
5. आईस्क्रीम स्टिक,
6. सजावट में उपयोग होने वाले थर्मोकॉल,
7. प्लास्टिक प्लेट्स, कप, गिलास, फोर्क, चम्मच, चाकू, स्ट्रॉ, ट्रे,
8. स्वीट बाक्स/निर्मग्न पत्र/सिगरेट पैकेट की कवर करने वाली पैकिंग फिल्म
9. प्लास्टिक स्टिरर्स एवं
10. 100 माईक्रोन से कम मोटाई वाले प्लास्टिक व पीवीसी के बैनर।

सर्वसंबंधितों को यह अवगत कराया जाता है कि सिंगल यूज प्लास्टिक पर लागू किये गये प्रतिबंध को प्रभावशील बनाने हेतु हरसंभव कार्यवाही की जाये। सिंगल यूज प्लास्टिक के निर्माता यह सुनिश्चित करें कि उनके द्वारा निर्मित सिंगल यूज प्लास्टिक आइटम का भंडारण, वितरण, विक्रय, उपयोग **30 जून, 2022 के** पश्चात नहीं हो। व्यापारी व ई-कॉमर्स कम्पनियों प्रतिबंधित सिंगल यूज प्लास्टिक का व्यापार नहीं करें। नगरीय निवास व उद्योग एवं व्यापार हेतु पंजीयन/लाइसेंस/अभिलेखीकृत जारी करने वाली अन्य संस्थाएं उपरोक्त प्रावधानों के अनुरूप पंजीयन/लाइसेंस/अभिलेखीकृत में आवश्यक संशोधन जारी करें, ताकि उपरोक्त प्रावधानों का पालन सुनिश्चित हो सके।

म.प्र. माध्यम/103720/2022 सदस्य सचिव

दैनिक भास्कर भोपाल 12-01-2022

कार्यालय नगर पालिक निगम, भोपाल

-: सार्वजनिक सूचना :-

सर्वसाधारण को सूचित किया जाता है कि प्लास्टिक अपशिष्ट प्रबंधन अधिनियम 2016 में राज पत्र अधिसूचना संख्या 169 दिनांक 11 मार्च 2021 संशोधित किया गया है। उक्त संशोधित नियम के बिन्दु क्रमांक 04 अनुसार दिनांक 30 सितंबर 2021 से 75 माईक्रोन से कम की मोटाई वाले प्लास्टिक कैंडी बैग के कारण उत्पन्न होने वाले कचरे की रोकथाम के लिए दिनांक 30 सितंबर 2021 से प्लास्टिक पर प्रतिबंध लगाया गया है। हल्के वजन वाले प्लास्टिक कैंडी बैग की वजह से उत्पन्न होने वाले कचरे को रोकने के लिए 30 सितंबर 2021 से प्लास्टिक कैंडी बैग की मोटाई 50 माईक्रोन से बढ़ाकर 75 माईक्रोन और 31 दिसंबर 2022 से 120 माईक्रोन कर दी गई है। 1 जुलाई 2022 से पॉलीस्टीरीन और विस्तारित पॉलीस्टीरीन समस्त प्लास्टिक की छड़ियों से तैयार ईयर बड्स, गुब्बारा के लिए प्लास्टिक की छड़िया, प्लास्टिक के झंडे, कैंडी की छड़ियां आईस्क्रीम की छड़िया, सजावट के लिए पॉलीस्टीरीन (थर्मोकॉल), प्लेट, कप, ग्लास, चाकू, चम्मच, चाकू, स्ट्रॉ, ट्रे, जैसी कटलरी मिठाई के डिब्बों के चारों ओर लपेटे जाने या पैकिंग करने वाली फिल्म, निर्माण कार्ड और सिगरेट के पैकेट, 100 माईक्रोन से कम मोटाई वाले प्लास्टिक यू.पी.वी.सी. इत्यादि एकल उपयोग वाले प्लास्टिक वस्तुओं के निर्माण, आयात, भंडारण, वितरण, क्रय, विक्रय और उपयोग को प्रतिबंधित किया गया है।

अनुवत
सू.क्र. 1048/021/022 नगर पालिक निगम, भोपाल

MAHARASHTRA POLLUTION CONTROL BOARD
"Kakpatur Point" 3rd Floor, Sion (Matunga) Scheme Road No.8,
Near Sion Circle, Sion (East), Mumbai - 400 022.
Ph: 24010437/24014701/24020781 Fax: - 24023516/24024068/24044531
Website: http://mpcb.gov.in E-mail: rohq@mpcb.gov.in

Date: 08.03.2022

NOTICE FOR PROHIBITING PRODUCTION, COMMERCE, STOCKING, DISTRIBUTION, SALE AND USE OF SINGLE USE PLASTIC ITEMS

Ministry of Environment, Forest & Climate Change has issued Notification number G.S.R.571(E) dated 12th August 2021, vide which manufacture, import, stocking, distribution, sale and use of identify single use plastic (SUP) items shall be prohibited with effect from July 01, 2022.

Rule 4(2) of Plastic Waste Management (PWM) Rules 2016 (as amended), the manufacture, import, stocking, distribution, sale and use of following single use plastic (SUP) items including polystyrene and expanded polystyrene, commodities shall be prohibited with effect from the 1st July 2022

(a) Ear buds with plastic sticks, plastic sticks for balloons, plastic flags, candy sticks, ice-cream sticks, polystyrene (thermocol) for decoration

(b) Plates, cups, glasses, cutlery such as forks, spoons, knives, straw, trays, wrapping or packing films around the sweet boxes, invitation cards and cigarette packets, plastic or PVC banners less than 100 microns, stirrers.

Moreover, as per Maharashtra Plastic and Thermocol Products (Manufacture, Usage, Sale, Transport, Handling and Storage) Notification 2018, following additional SUP items are banned -

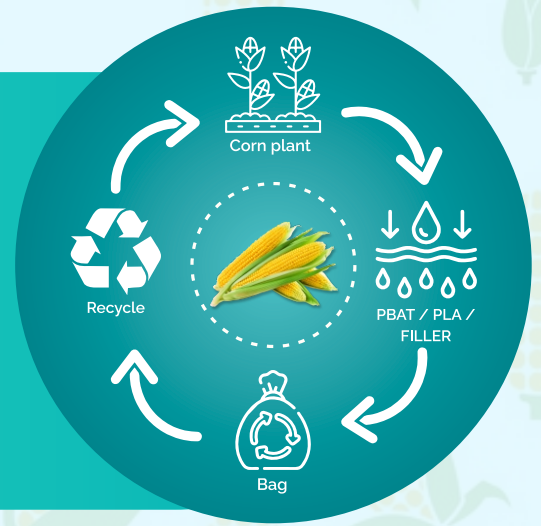
1. All types of plastic bags (carry bags) - (with or without handle) irrespective of thickness Compostable plastic (excluding waste and nursery bags)
2. Non-woven carry bags (made of polypropylene)
3. SUP items such as dish, bowl, container etc.

This notice is being issued to inform all producers, stockists, retailers shopkeepers, e-Commerce companies, Street vendors, commercial establishments (malls/market place/shopping centres/cinema houses/tourist locations/schools/colleges/office complexes/hospitals and other institutions) and general public to stop production, stocking, distribution, sale and use of identified SUP items as per the time-lines specified in the said MoEF&CC Notification. Further, necessary action is to be taken by the concerned entities to ensure zero inventory of the aforementioned SUP items by June 30, 2022.

Action as deemed fit under Environmental Protection Act 1986 including seizure of goods, levying of environmental compensation, closure of operations of industries/commercial establishments, shall be taken against the violators of the said Notification.

Sd/-
Member Secretary

How It's Made ?

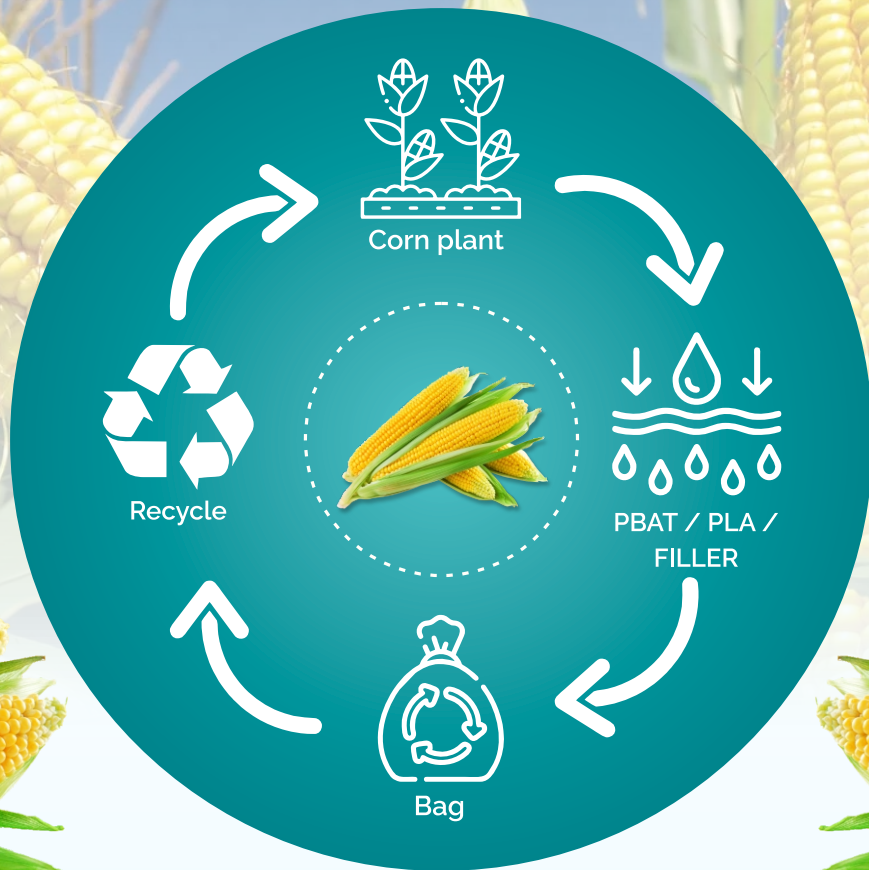


Corn plastic is made from polylactic acid PLA & PBAT, which is a plastic substitute, made from fermented plant starch. Corn starch plastic is an alternative product to petroleum based plastic. It has the same characteristics, but corn plastic is made from corn starch polymers, a biodegradable and renewable resource.

Corn plastic packaging or items made from corn plastic, will decompose within two months of being in a high humidity composting environment, at a temperature of above 60° Celsius or 140° Fahrenheit, unlike plastic.

PBAT Corn Starch Based Polymer





NxtGenBio



Battala, Bairaguri, P.O. Ghagra,
Alipurduar -736122. West Bengal



+919875345156



nxtgenbioin@gmail.com

Gst No. 19BUYPG4621G1Z9