



# POLYFUL

## ADVANCED MATERIAL

Hangzhou Polyful Advanced Material Co., Ltd.

杭州聚丰新材料有限公司

E-mail: [sales@polyful.cn](mailto:sales@polyful.cn)

Website: [www.polyful.cn](http://www.polyful.cn)    <https://polyful.en.alibaba.com/>

Address: Building 2#, Jinpeng Road 358, Hangzhou, Zhejiang, P.R.C



Polyful@Alibaba

## Company Profile

Hangzhou POLYFUL Advanced Material Co., Ltd. ( “POLYFUL” ) is a high-tech company specializing in the research, development, production, and sales of high-end polymer products.

Established by the founding team of a listed company, POLYFUL has launched in-depth cooperation with the national key laboratory of Zhejiang University.

Aimed at the polymer materials sector, it is focused on the development of high-performance products in 5G communications, new energy vehicles, food and healthcare, and environmental protection and biodegradation. POLYFUL is primarily engaged in high-end modified materials such as modified polyolefins and engineering plastics, as well as special polymers, including biodegradable resin and high-performance electronic chemical materials, with product quality reaching the leading level in China.

## Positioning and Strengths

Positioning: A technology-driven advanced materials company focused on high-end polymers

Strengths: R&D by university teams, support of national base, cost effectiveness, environmentally friendly, customization

## Honors and Qualifications

Since its inception in 2018, POLYFUL has won a range of honors, including China High-tech Enterprise, China’s National Science and Technology Small and Medium Enterprise, High-tech Research and Development Center (Industrial) of Local Enterprise, and Local Eyas Enterprise.

It has also obtained the certifications of IATF16949 international automotive quality management system and ISO9001 quality management system.

## Experiment&Production Equipment



# Product Certifications



# Enterprise Honors



Since its inception in 2018, POLYFUL has won a range of honors, including China High-tech Enterprise, China's National Science and Technology Small and Medium Enterprise, High-tech Research and Development Center (Industrial) of Local Enterprise, and Local Eyas Enterprise. It has also obtained the certifications of IATF16949 international automotive quality management system and ISO9001 quality management system.



## Application



### Supermarket shopping field

Supermarket roll bags, shopping bags, waistcoat pockets, etc.



### Kitchen living field

Food waste bags, food preservation bags, pet waste bags, etc.



### Express e-commerce field

Courier bags, logistics packaging bags, bubble bags, fresh packs, milktea bags, etc.



### Agricultural mulch film field

Agricultural mulch film, etc.



### Disposable catering field

Disposable meal boxes, film gloves, tableware, straws, cups, lids, etc.

## FULLY BIODEGRADABLE PRODUCTS



## Overview

POLYFUL fully biodegradable products are made of POLYFUL fully biodegradable modified resin, with the advantages of excellent mechanical properties, non-toxic and harmless, environmental protection and odorless, and full degradation, the environmentally friendly products that meet the requirements of national standards. The complete process of independent research and development, independent production and independent processing is a reliable guarantee for POLYFUL production efficiency, and the testing and certification of authoritative institutions is a strong proof of its products quality.

POLYFUL has many categories of agricultural mulch film, supermarket daily-use bags and disposable kitchen appliances, which can meet the requirements of different application scenarios. Having registered with the FDA of United States, POLYFUL can provide custom-designed specialized degradation resin according to the different household needs, making contribution to the environmental protection life for customers.

Features



**Plastic bags for daily use**

Water and moisture resistant, puncture and tear resistant;  
 Good weight bearing and printability;  
 Good toughness and ductility;  
 Good heat sealability without edges bursting;



**Agricultural mulch film**

Low water-air permeability;  
 Having multiple induction periods;  
 Good warming and moisture retention;  
 Good toughness and support for mechanical laying;



**Disposable kitchen appliances**

Food-grade raw materials to ensure safe and environmentally friendly use;  
 Good toughness and strength, which is hard to bend;  
 Water and oil resistant, temperature resistant and odorless;  
 Thickened material with round corners and no burrs;

Qualification



Category

Application scenario	Product name	Executive standard
Supermarket shopping field	Fully biodegradable shopping bags	GB/T 38082-2019 (National Standard for degradable shopping bags) EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)
Express e-commerce field	Fully biodegradable courier bags	GB/T 38727-2020 (National Standard for degradable courier bags) EN 13432 (European Standard for compostable degradable plastics)
Daily living field	Fully biodegradable garbage bags	GB/T 28018-2011 (National Standard for degradable garbage bags) EN 13432 (European Standard for compostable degradable plastics)
Agricultural development field	Fully biodegradable agricultural mulch film	GB/T 35795-2017 (National Standard for degradable mulch) EN 13432 (European Standard for compostable degradable plastics)
Disposable kitchen field	Fully biodegradable disposable dinner plates	GB 18006.1-2009 (National Standard for plastic tableware) GB 18006.3-2020 (National Standard for degradable tableware) EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)
	Fully biodegradable disposable water cups	GB 18006.1-2009 (National Standard for plastic tableware) GB 18006.3-2020 (National Standard for degradable tableware) EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)
	Fully biodegradable disposable knives, forks and spoons	GB 18006.1-2009 (National Standard for plastic tableware) GB 18006.3-2020 (National Standard for degradable tableware) EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)
	Fully biodegradable disposable straws	GB 4806.1-2016 (National Standard for food safety) GB 4806.6-2016 (National Standard for food contact material) GB 4806.7-2016 (National Standard for food contact product) EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)
	Fully biodegradable disposable gloves	EN 13432 (European Standard for compostable degradable plastics) FDA Testing Standard (Food Contact Material Standard)