

## 戴清文

### 报告人简介:

戴清文，男，生于 1969 年，2004 年在浙江大学获得理学博士学位，高级工程师。

长期从事化工新技术、新产品研发与设计工作。最近十年，专注生物降解新材料及其生产技术开发。主持建设了国内第一套万吨级连续化工艺生物降解 PBAT/PBS 生产线，该技术获得中国石油和化学工业联合会 2014 年科技进步三等奖。

参加了《聚丁二酸丁二酯 (PBS)》、《生物降解聚对苯二甲酸己二酸丁二酯 (PBAT)》、《全生物降解农用地面覆盖薄膜》、《聚丁二酸己二酸丁二酯 (PBSA)》等国家标准的起草工作。



## QingWen Dai

### Profile of the Author:

Dai Qingwen, male, born in 1969. Doctor Degree of Science from Zhejiang University in 2004, Senior Engineer.

Engaged in materials and chemical technology research for about 30 years. In recent decade, focused on the research of biodegradable materials and their production technology. Designed and constructed the first production line of biodegradable PBAT/PBS resin of China with 10-thousand-tons-scale and continuous process, which won the Third Class Prizes of Science and Technology Progress Award of China Petroleum and Chemical Industry Federation(CPCIF).

As the top two drafter, drafted the national standards of GB/T 30294-2013 Poly(butylene succinate), GB/T 32366-2015 Biodegradable poly(butylene adipate terephthalate) and GB /T 35795-2017 Biodegradable mulching film for agricultural uses.

# 生物降解地膜研究进展以及在农业生产中的应用

**摘要：**介绍了最近几年在生物降解地膜方面的研究进展、田间实验情况以及存在的问题，并针对现存问题提出解决构想。

## **Research Development of Biodegradable Mulching Films and Applications in Agricultural Production**

**Abstract:** Introduction of the research development of biodegradable mulch films, applications in agricultural production in recent years. Point out the existing problems of biodegradable mulch films and give the resolution strategies.