



明恩新材料

MINGEN NEW MATERIAL

浙江明恩新材料科技有限公司

Zhejiang Mingen New Materials Technology Co., Ltd

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色母粒:常规 功能性 高浓度 可降解

Color masterbatch: Conventional functional high concentration biodegradable

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# Company Profile

## 公司简介

浙江明恩新材料科技有限公司创建于2005年，位于温州经济发展的核心产业园区滨海经济开发区；经过20余年的明恩人的不懈努力，现已成为温州乃至浙江色母粒行业的领军者。本公司占地30亩，工厂建筑面积47872 m<sup>2</sup>，明恩新材料主要生产和研发各种颜色色母粒、生物降解、PBAT色母粒和各种功能性母粒，是一家颇具规模的色母粒生产企业。公司拥有数十台大型连续密炼机，数十台双螺杆挤出机。且公司所有生产线均采用电脑智能化操控，并全部采用密封负压系统进行环保生产，在保证绿色环保的前提下又高效生产，年产量超20000吨。

本公司拥有一流的实验室及多名业内资深的专业技术人员，这使得我们能快速并准确地为客户来样进行检测，并为我们的产品进行质量把控。专业并规模化的生产使我们的色母粒产品拥有极高的性价比和市场认可度。公司在国内与100余家客户建立了长期稳定的合作关系。

竭诚欢迎海内外的新老朋友莅临公司，真诚的明恩人秉承尽心尽力为客户服务的理念希望与大家共创辉煌！

Zhejiang Mingen New Material Technology Co., Ltd. was founded in 2005, located in Binhai Economic Development Zone, the core industrial park of Wenzhou economic development. After more than 20 years of unremitting efforts, it has become the leader of Wenzhou and even Zhejiang.

The company covers an area of 30 mu, the factory construction area of 47872 m<sup>2</sup>, Ming new materials mainly produce and develop a development of various color mother batch: biodegradation, PBAT color mother batch and various functional mother batch, is a large scale color mother batch production enterprise. The company has several large continuous mixer, dozens of double screw extruder. And all the production lines of the company are using intelligent computer control, and all use sealed negative pressure system for environmental protection production, in the premise of ensuring green environmental protection and efficient production, the annual output of more than 20,000 tons.

The company has a first-class laboratory and a number of senior professional and technical personnel in the industry, which enables us to quickly and accurately for customers to test samples, and to control the quality of our products.

Professional and large-scale production makes our color mother particle products have a very high cost performance and market recognition. The company has established a long-term and stable cooperative relationship with more than 100 customers in China.

We sincerely welcome new and old friends at home and abroad to visit the company, sincere Minkind people adhering to the concept of customer service and hope to create brilliant with everyone!



## 一、现代化的工厂 Modern factories

### 光伏发电 Photovoltaic power generation



公司有7500平方的光伏发电设备，年发电量132万度，有效的降低了生产成本并为绿色环保贡献自己的力量。

The company has 7,500 square meters of photovoltaic power generation equipment, with an annual power generation of 1.32 million kilowatt-hours. This effectively reduces production costs and contributes to environmental protection.

### 智能化车间 Intelligent workshop



### 成品仓库 Finished product warehouse



### 原材料仓库 Raw material warehouse



## 二、科学化管理 scientific management

### 过滤性能测试仪 Photovoltaic power generation



公司对客户的每一个需求 用完备的实验设备和先进生产及检测设备，确保了提供的产品高品质。不断的投入研发来满足客户日益增长的需求，让客户全心全意的信任是我们的服务宗旨

The company, for each demand of the customers, uses complete experimental equipment, advanced production and testing equipment to ensure the high quality of the provided products. Continuously investing in research and development to meet the growing demands of the customers and earning the wholehearted trust of the customers is our service tenet.

### 色样制作 color swatch Execution



### 注塑性能测试 Injection Molding Performance Test



### 吹膜性能测试 Blown film performance test



## 常规色母薄膜专用系列

### 一、应用及特点：

专门针对薄膜用户，常见颜色都有并可为客户量身定制。其产品特点为：遮盖度高，颜色鲜艳，分散优良，使膜表面光滑无晶点，光泽度好，不影响胶粘和印刷。可使用于各种薄膜制品、吹膜、流延膜、压延膜均可使用。

### 二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状颗粒
2	分散	无色点
3	耐高温	180-320
4	耐迁移性	≥3级
5	耐晒性	5-8级



## Conventional masterbatch special series for films

### 1.Application & Features：

Specially for film users, common colors are available and can be customized for customers. The product features are: high coverage, bright color, excellent dispersion, making the film surface smooth without crystal points, good gloss, and no impact on adhesion and printing. It can be used in various film products, blown film, cast film, and calendered film.

### 2.Main Technical Index：

NO.	Item	Technical Index
1	Appearance	Cylindrical particles
2	Dispersion	without colour spot
3	Heat resistance	180-320
4	Migration resistance	≥ level3
5	Sunlight resistance	Grade 5-8



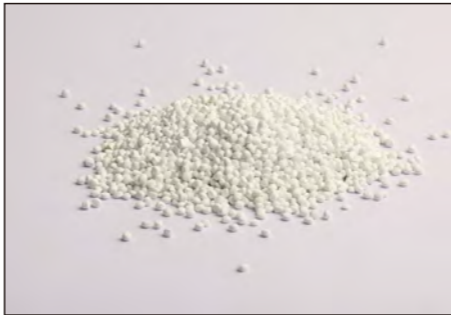
## 常规色母拉丝专用系列

### 一、应用及特点：

专业针对塑编产品客户，着色力高，颜色鲜艳亮泽是该系列产品的主要特点，主要针对编织袋、网眼袋、遮阳网、盖土网、安全网等拉丝制品。不断丝、不裂丝、不堵网、皮张不带水。

### 二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状颗粒
2	分散	无色点
3	耐高温	180-320
4	耐迁移性	≥3级
5	耐晒性	5-8级



## Conventional masterbatch special series for drawing wires

### 1.Application & Features：

Specialized for customers of plastic woven products, high coloring power and bright and lustrous colors are the main features of this series of products. It is mainly targeted at drawn wire products such as woven bags, mesh bags, sunshade nets, soil cover nets, and safety nets. No wire breakage, no wire cracking, no net clogging, and no water on the leathe

### 2.Main Technical Index：

NO.	Item	Technical Index
1	Appearance	Cylindrical particles
2	Dispersion	Colorless dots
3	Heat resistance	180-320
4	Migration resistance	≥ level 3
5	Sunlight resistance	Grade 5-8



## 注塑、管材色母粒

一、应用及特点：

该系列色母粒颜色品种丰富，色泽鲜艳，可根据客户颜色要求和底料要求定制，配色迅速准确。PE、PP、ABS、PVC等塑料制品均可使用。

二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状颗粒
2	抗老化	视需求定制
3	耐高温	220-280
4	高温挥发性	< 0.3%
5	耐晒性	5-8级



## 功能性色母粒系列

一、应用及特点：

该系列产品有各种功能母粒，如开口母粒、抗紫外线母粒、抗菌母粒、抗静电母粒等，并可以按客户功能需求定制。

二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状
2	耐高温	180-230
3	发散性	良好
4	耐晒	视需求定制

## Injection pipe masterbatch

1.Application & Features:

This series of color masterbatches have a rich variety of colors and are bright in color. They can be customized according to the color requirements and base material requirements of customers, and the color matching is rapid and accurate. They can be used in plastic products such as PE, PP, ABS, and PVC.

2.Main Technical Index:

NO.	Item	Technical Index
1	Appearance	Cylindrical particles
2	Anti-aging	Customized as needed
3	Heat resistance	220-280
4	High-temperature volatility	< 0.3%
5	Sunlight resistance	Grade5-8

## Functional series masterbatch

1.Application & Features:

This series of products includes various functional masterbatches, such as flame-retardant masterbatches, opening masterbatches, anti-ultraviolet masterbatches, antibacterial masterbatches, antistatic masterbatches, etc., and can be customized according to the functional requirements of customers

2.Main Technical Index:

NO.	Item	Technical Index
1	Appearance	Cylindrical
2	Heat resistance	180-230
3	Divergence	Good
4	Sunlight resistance	Customized as needed



## 高浓度单色母粒系列

一、应用及特点：

针对改性工厂等有高浓度色母需求的产品，定制黑白及各色颜料的高浓度预分散色母。与各大颜料厂商直接合作，保证批次稳定性强，性价比高。可满足不同工厂对物性、相容性的要求，并提供单色母改造的系统解决方案。

二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状或圆球状颗粒
2	耐高温	180-280
3	颜料含量	20-80%
4	耐晒性	4-8级



## High density single masterbatch

### 1.Application & Features：

For modified factories and other products with high-concentration color masterbatch demands, customized high-concentration pre-dispersed color masterbatches of black, white and various colors of pigments are available. Cooperating directly with major pigment manufacturers ensures strong batch stability and high cost performance. It can meet the requirements of different factories for physical properties and compatibility, and provide systematic solutions for the transformation of single color masterbatches.r.

### 2.Main Technical Index：

NO.	Item	Technical Index
1	Appearance:	Cylindrical or spherical particles
2	Heat resistance:	180 - 280
3	Pigment content:	20 - 80%
4	Sunlight resistance:	Grade 4 - 8



## PBAT可降解色母

一、应用及特点：

该系列产品有各色PBAT可降解色母，产品颜色丰富多样。也可来样定制，配色准确，迅速，并提供可降解材料性能改造的一系列解决方案，满足可降解材料不同性能要求。

二、主要技术指标：

序号	项目	技术指标
1	外观	圆柱状
2	耐高温	220-230
3	发散性	良好

## PBAT degradable masterbatch

### 1.Application & Features：

This series of products includes various PBAT degradable color masterbatches with rich and diverse colors. Customization based on samples is also available. The color matching is accurate and rapid. A series of solutions for the performance improvement of degradable materials are provided to meet the different performance requirements of degradable materials.

### 2.Main Technical Index：

NO.	Item	Technical Index
1	Appearance	Cylindrical
2	Heat resistance	220-230
3	Divergence	GOOD

