



**ATLANTIC MATERIALS**

*Always maching, Always leading*

# CATALOG MASTERBATCH



# INTRODUCTION

Atlantic Materials Co., Ltd is a leading manufacturer and exporter of high-quality Masterbatch, proudly made in Vietnam. Our Masterbatch products are designed to enhance the properties of plastic materials, ensuring optimal performance across various industries. By using advanced production technologies and carefully selected raw materials, we guarantee consistency, efficiency, and superior product quality.

Our Masterbatch solutions help industries optimize production costs, enhance durability, and achieve vibrant coloration while ensuring environmental sustainability. Whether you are in packaging, automotive, construction, or consumer goods manufacturing, our solutions cater to a broad spectrum of applications.



# MASTERBATCH



## Filler Masterbatch

is an economic filler material which mainly contain calcium carbonate (CACO3 Powder), PE/PP base resin and other special additives. It is widely used in the many industry to reduce costs, improve mechanical properties, and enhance processing performance final products.



## Color Masterbatch

is a concentrated mixture of pigments in several types of carrier resin and specific additives. It is used to color plastic and other products during manufacturing by blending it about 1-5%. This ensures uniform color dispersion, cost-effectiveness, and ease of handling compared to direct pigment usage.



## Additive Masterbatch

is a concentrated blend of functional additives encapsulated in a polymer carrier resin. It is used to enhance the properties of plastic materials during processing and final product performance. It modifies specific characteristics like UV resistance, flame retardancy, or anti-static properties...

## Key Features

# FILLER MASTERBATCH



Reduces raw material costs without compromising quality



Improves product rigidity, heat resistance, and processability



Enhances surface finish and printability for better aesthetics



Provides environmental benefits by reducing polymer consumption



Enhances mechanical properties such as tensile strength and impact resistance



Ensures smooth processing in various extrusion and molding applications



Filler Masterbatch is widely used to reduce production costs while maintaining the mechanical properties of plastic products. Our Filler Masterbatch is specially formulated to ensure a high dispersion rate, superior compatibility with polymer resins, and excellent processability.

# Technical Data & Applications

## FILLER MASTERBATCH

RESIN CARRIER	TECHNICAL DATA		APPLICATION
PE	84% CaCO <sub>3</sub>	D50 = 4μ D50 = 3μ D50 = 2μ D50 = 1μ	Blowing film Injection molding Rotational Molding Blow Molding Extrusion Thermoforming
	82% CaCO <sub>3</sub>		
	80% CaCO <sub>3</sub>		
	78% CaCO <sub>3</sub>		
	75% CaCO <sub>3</sub>		
	60% CaCO <sub>3</sub>		
PP	84% CaCO <sub>3</sub>	D50 = 4μ D50 = 3μ D50 = 2μ D50 = 1μ	Yarn Injection molding Extrusion Coating PP Bags Woven Sacks, Jumbo Bags, Tarpaulin Non-woven fabric/Spunbond Geotextiles
	82% CaCO <sub>3</sub>		
	80% CaCO <sub>3</sub>		
	78% CaCO <sub>3</sub>		
	75% CaCO <sub>3</sub>		
	60% CaCO <sub>3</sub>		

*We are available for customizing the specific products to fulfill your demands.*



## Key Features

# COLOR MASTERBATCH

Color Masterbatch provides vibrant and consistent coloration for plastic applications while maintaining excellent processing performance. Our Color Masterbatch is engineered to deliver superior dispersion, high tinting strength, and excellent stability under various environmental conditions.

### 01

Customizable color solutions with high dispersion properties for uniform coloration

### 02

Excellent UV and weather resistance, preventing fading and discoloration

### 03

Stable thermal properties, ensuring durability in various conditions

### 04

Compatible with multiple plastic resins (PP, PE, ABS, PET, PS, PVC...)

### 05

Ensures color consistency across different production batches

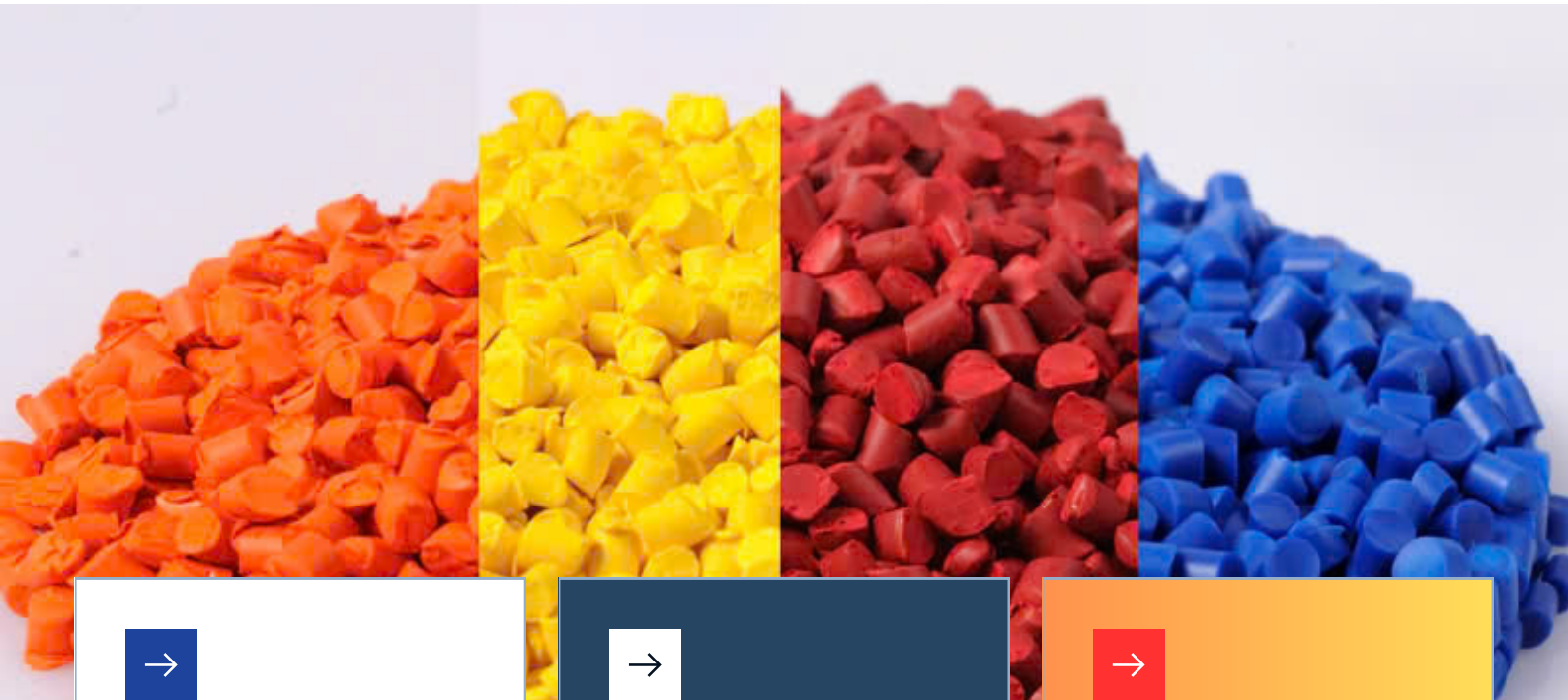
### 06

Meets industry standards for food-grade and eco-friendly applications



## Types

# COLOR MASTERBATCH



## White

White Masterbatch is a concentrated mixture of Titanium Dioxide (TiO<sub>2</sub>) and a polymer carrier resin, designed to provide opacity, brightness, and whiteness to plastic products.



## Black

Black Masterbatch is a concentrated mixture of Black Carbon and a polymer carrier resin, designed to provide deep black coloration, UV resistance, and improved mechanical properties to plastic products.



## Color

Color Masterbatch is a concentrated mixture of high-quality pigments or dyes dispersed in a polymer carrier resin. It is designed to provide vibrant, uniform, and long-lasting color to plastic products while maintaining excellent processing performance.

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## White &amp; Black

**COLOR MASTERBATCH****White**30% TiO<sub>2</sub>**White**50% TiO<sub>2</sub>**White**75% TiO<sub>2</sub>**Black**

30% Black Carbon, Virgin

**Black**

40% Black Carbon, Virgin

**Black**

50% Black Carbon, Virgin

Color

# COLOR MASTERBATCH



**Yellow Masterbatch**



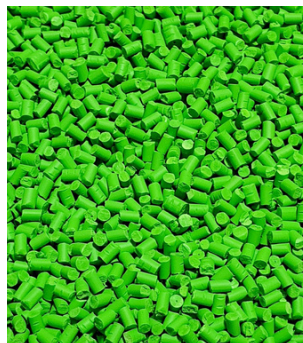
**Orange Masterbatch**



**Red Masterbatch**



**Pink Masterbatch**



**Green Masterbatch**



**Brown Masterbatch**



**Blue Masterbatch**



**Violet Masterbatch**



**Golden Masterbatch**



**Sliver Masterbatch**

## Applications

# COLOR MASTERBATCH



### → BLOWING

Shopping bags, Garbage bags, Films,...

### → INJECTION MOLDING

Consumer Goods, Bottles, Tanks, Pallets, Bins,...

### → EXTRUSION

Funitures, Tubs, Pipes, Sheets, Wires & Cables, Fencing,...

### → NON-WOVEN

Hygiene products, Diapers, Wipes, Geotextiles, Fabric,...

### → WOVEN

Sacks, Tarpaulins, Jumbo bags,...

## Types &amp; Applications

**ADDITIVE MASTERBATCH**

ADDITIVE	APPLICATION
<b>P-life Additive/Masterbatch</b>	Biodegradable Additive/Masterbatch
<b>Anti-Block Masterbatch</b>	Reduce the adhesion surfaces for easier processing
<b>Slip Masterbatch</b>	Increase gloss, Anti-stick, Scratch resistant
<b>UV/Oxidant Masterbatch</b>	Anti-UV and Anti-Oxidant
<b>Desiccant Masterbatch</b>	Reducing fish eyes and voiding in recycled films
<b>Flame-Retardant Masterbatch</b>	Bear and cope with high temperatures without melting or burning
<b>Anti-fog Masterbatch</b>	Prevent the accumulation of water droplets
<b>Optical Brightener Masterbatch</b>	Enhance the appearance of color, causing a "whitening" effect
<b>PPA Masterbatch</b>	Increase the processing efficiency and quality of polymeric compounds
<i>We are available for customizing the specific products to fulfill your demands.</i>	

