



Zi Nuo Color Masterbatch

The following masterbatches are factory's regular masterbatch product categories (any color masterbatches can be provided), maintains a comprehensive selection of masterbatches in regular stock and provides full customization services for products with any specifications.

1. By Processing Technique Masterbatch Series

Masterbatch Series	Target Applications / Product Examples
Film Blowing Grade Masterbatch	Shopping bags, garbage bags, food packaging bags, agricultural film, stretch film (cling film), breathable film (for hygiene products), composite film surface layer, etc.
Blow Molding Grade Masterbatch	Various hollow containers, such as beverage bottles, cooking oil bottles, cosmetic bottles, medicine bottles, automotive fuel tanks, chemical drums, toys, etc.
Injection Molding Grade Masterbatch	Appliance housings (AC, washing machines), automotive parts (interior panels), consumer goods (buckets, basins, chairs), toys, logistics pallets, electronic product housings, etc.

2. By Special Carrier-Specific Color Masterbatch Series

Masterbatch Series	Target Applications / Product Examples
Light Gray Color Masterbatch (for PA/Polyamide)	Automotive engine components, electrical connectors, power tool housings, sports equipment, etc.
Red Color Masterbatch (for PC/Polycarbonate)	Electronics housings (e.g., routers), automotive taillight covers, transparent colored protective covers, medical device housings, etc.
Brown Color Masterbatch (for PET/Polyethylene Terephthalate)	UV-resistant beverage bottles (e.g., beer bottles), cosmetic packaging, films and sheets (e.g., food packaging), etc.



3. By Substrate and Eco-friendly Properties Masterbatch Series

Masterbatch Series	Target Applications / Product Examples
Non-woven Fabric Grade Masterbatch	Medical protective clothing/masks, backsheet for sanitary napkins/diapers, shopping bags, household items (tablecloths, bedsheets), agricultural mulch cloth, filter materials, etc.
Fully Biodegradable Masterbatch	Biodegradable shopping bags, garbage bags, food service ware (cutlery, containers), agricultural film (in-situ degradable), tea bags, coffee capsules, etc.

4. By Functional Masterbatch Series

Masterbatch Series	Target Applications / Product Examples
Anti-blocking & Slip Masterbatch	All film products (prevents film layers from sticking, facilitates high-speed filling), woven bags, etc.
Anti-aging Masterbatch	Outdoor products: automotive parts, trash cans, outdoor furniture, advertising tarps, agricultural film (extends service life).
Antistatic Masterbatch	Electronic product packaging (IC carrier tapes, trays), mining pipes, explosion-proof equipment, cleanroom supplies.
Impact Modifier Masterbatch	Parts requiring high impact strength: automotive bumpers, children's toys, sports equipment, toolboxes, logistics containers.
Scented Masterbatch	Garbage bags, automotive interiors, stationery, shoe insoles, cosmetic packaging, pet supplies (provides pleasant scent or masks odors).
Nucleating Masterbatch	Transparent products (e.g., disposable transparent cups, food containers); enhances hardness, heat deflection temperature, and clarity by increasing crystallinity.



5. By Filler Masterbatch Series

Masterbatch Series	Target Applications / Product Examples
Calcium Carbonate-filled Masterbatch for Film Blowing	Low-cost shopping bags, garbage bags, stretch film, etc. (Aims to reduce raw material cost and improve film stiffness and flatness).
Calcium Carbonate-filled Masterbatch for Blow/Injection Molding	Daily necessities (e.g., water buckets, stools), appliance housings, pipe fittings (aims to reduce cost and increase rigidity).
Nano Barium Sulfate Filler Masterbatch	High-end appliance housings (e.g., LCD TV panels), automotive interior parts, speaker housings (provides high surface gloss and good dimensional stability while maintaining mechanical properties).
Transparent Sodium Sulfate Filler Masterbatch	Films and sheets requiring high clarity, such as premium garment packaging, gift box windows (acts as a filler without sacrificing transparency).