



Manufacturer & Exporter of Plastic Master Batch

www.iriscolorants.com

INTRODUCTION

Iris Colorants is dedicated to serving the Plastic Industry by providing timely and cost-effective supplies of superior quality masterbatches, dry colorants, and compounds. With over 8 years of industry experience, our current **production capacity is 100 MT per month, which will be scaled up to 250 MT per month by the end of this year.** We specialize in offering comprehensive coloring solutions tailored for diverse plastic applications.

As manufacturers of Masterbatches, we maintain backward integration with in-house facilities dedicated to the production of pigments and solvent dyes. This integration gives us a competitive advantage in terms of both pricing and quality control in the production of masterbatches.

Our commitment to customer satisfaction remains our top priority. Our cutting-edge production machinery and advanced color matching laboratory are operated by a dedicated and skilled team, ensuring uncompromised quality across our manufacturing processes. We take pride in offering a wide array of masterbatches tailored to suit all types of polymers.



Types of Masterbatches

Colored Masterbatches

Black Masterbatch

White Masterbatch

Additives Masterbatches

UV Masterbatches

Anti-block Masterbatches

Silicone Masterbatches

Filler Masterbatches

Bioplastic Masterbatches

Colored Masterbatches



Coloured masterbatches, characterized by a high pigment rate, exhibit impeccable dispersion, high heat resistance light fastness, superior performance, and vibrant coloration. This product group, comprised of coloured densified masterbatches, is specifically formulated for colouring raw materials such as **LDPE, HDPE, PP, PE, PVC and PET**. These materials are utilized in film production, PP raffia, and plastic bag manufacturing through methods such as pouring, inflation, and extrusion.

The coloured densified masterbatches, produced by our company yield exceptional results in dyeing and enhancing **LDPE, HDPE, PP, PE, PVC and PET** raw materials. Our company maintains technical specifications and quality control certificates for the manufactured masterbatches. We continuously ensure customer satisfaction across various sectors including film, injection, extrusion, lamination, and pipe production.

Colored Masterbatches

Sectors of use:

- Household Goods
- Toys
- Agricultural Products
- Packaging
- Pipes and Joints
- Electricity/ Electronics
- Cosmetics
- Furniture
- Bathroom Accessories
- Sports Equipment
- Office Equipment



Black Masterbatch



Our Black Masterbatches, featuring a high carbon content, boast impeccable dispersion, offering both brightness and matte finishes. They exhibit exceptional heat resistance and are cost-effective. Our product line encompasses various carbon grades, ranging from **25% to 50%**, **providing versatility** to configure opacity and transparency as required.

Black Masterbatch

Sectors of use:

- Automotive
- Electricity/ Electronics
- Plates
- Construction Materials
- Pipes & Joints
- Cable
- Packaging & Bags



White Masterbatch

Our White masterbatches, formulated with a high content of **TiO₂** (titanium dioxide), exhibit exceptional heat resistance, robust hiding power, and strong bleaching capabilities. Ranging from **25% to 80% titanium content**, our products are available in milk and ice white variations. These masterbatches offer high opacity and brightness, alongside superior technical and physical properties ensuring perfect dispersion. Our range provides a wide spectrum of options, from the most cost-efficient types to those with the highest titanium concentration.



White Masterbatch

Sectors of use:

- White goods and Household Goods
- Electricity / Electronics
- Cables
- Cosmetics
- Pipes and Joints
- PVC
- Thermoform Products
- Furniture



Filler Masterbatch

Filler Masterbatches, composed of **calcium carbonate (CaCO₃)**, are compound fillers utilized in the plastic industry to modify various properties of base plastics or plastic polymers. These masterbatches are specifically formulated by compounding blended polyolefins with ultrafine calcium carbonate during the compounding extrusion process. They enhance the physical properties of polymers while reducing production costs. The ultrafine coated CaCO₃ or talc-filled masterbatches offer a wide range of milky and natural effects. These CaCO₃-based filler masterbatches not only reduce costs but also function as anti-burn agents at the die lips when used at higher loadings. Filler masterbatch finds application in the production of Raffia woven sacks, blown film extrusion, injection and blow moulding, nonwoven materials, and extrusion coating.

Bioplastic Masterbatch

Bioplastics are a sustainable alternative to traditional plastics, made from renewable biomass sources like corn starch, sugarcane, or vegetable fats and oils. They offer several environmental benefits, including reduced carbon footprint and decreased dependence on fossil fuels. Bioplastics can be biodegradable or non-biodegradable, with varying degrees of compostability. While they hold promise for reducing plastic pollution, challenges remain in terms of scalability, cost-effectiveness, and ensuring proper disposal and recycling infrastructure. As research and technology continue to advance, bioplastics are poised to play a significant role in mitigating the environmental impact of conventional plastics.



Masterbatches for PE, PP

- Iris Yellow
- Iris Yellow 4
- Iris Yellow 6
- Iris Light Yellow
- Iris G. Yellow
- Iris G. Yellow 4
- Iris Orange
- Iris Orange 6
- Iris Orange 4
- Iris Opaque Orange
- Iris Light Orange
- Iris Dark Orange
- Iris Red
- Iris Red - R
- Iris Light Red
- Iris Post Office Red
- Iris Pink
- Iris Purple
- Iris Blue
- Iris Bri. Blue
- Iris Oxford Blue 1
- Iris Oxford Blue 2
- Iris Metal Blue
- Iris Turq. Blue
- Iris Light Blue
- Iris Green
- Iris Forest Green
- Iris R. Green
- Iris Pool Green
- Iris Green 4
- Iris Parrot Green 4
- Iris Parrot Green 6
- Iris Mango Green
- Iris Green 6
- Iris Metal Green
- Iris Dark Green
- Iris Magenta
- Iris Light Magenta
- Iris Dark Magenta
- Iris Violet
- Iris Dark Violet
- Iris White
- Iris Off White
- Iris Dark Brown
- Iris Light Brown
- Iris Walnut
- Iris Brown
- Iris Black
- Iris Black I
- Iris Grey
- Iris Black 3

Masterbatches for EVA



- Iris Yellow
- Iris Orange
- Iris Red
- Iris Magenta
- Iris Purple
- Iris Bri. Blue
- Iris Blue
- Iris Dark Magenta
- Iris White
- Iris Off White
- Iris Light Brown
- Iris Walnut
- Iris Brown
- Iris Black I
- Iris Grey
- Iris Black 3

Masterbatches for PVC

- Iris Yellow
- Iris G. Yellow
- Iris Orange
- Iris Red
- Iris Reddish Brown
- Iris Purple
- Iris Bri. Blue
- Iris Green
- Iris White
- Iris Off White
- Iris Light Brown
- Iris Walnut
- Iris Brown
- Iris Black 1
- Iris Grey
- Iris Black 3



Masterbatches for PET

- Iris White
- Iris Light Green
- Iris Red
- Iris Reddish Magenta
- Iris Magenta
- Iris Blue
- Iris Green
- Iris Black
- Iris White I
- Iris Off White
- Iris Light Brown
- Iris Walnut
- Iris Brown
- Iris Black 2
- Iris Grey
- Iris Black 4



THANKYOU



A UNIT OF IRIS COSMO-COLOUR PVT. LTD.

Manufacturer & Exporter of Various Types of Plastic Masterbatches

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