



Featured Product

MASTERBATCH

Master Batch

PLASTIC COLOURING MASTER BATCH

We offer best in class products in this category. The Emblazon range of Master Batch, which is patented for its products chemistry and production method has been the back bone of our Master Batch Division.

Our range includes

- **Emblazon** : A Universal Master Batch, Patented for its chemistry and production method.
- **Polyco** : Standard Master Batch with LLDPE/PP as the carrier resin.
- **Additive Master Batch** : Range of Additive Master Batch as Flame Retardents, Anti Block, UV etc
- **Liquid Master Batch** : Liquid Master Batches as the name suggests in liquid form for colouring various polymers specially PET, Nylon etc.



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Emblazon

PLASTIC COLOURING MASTER BATCH

A patented product for use of plastic colouring ideally suited for any form of plastic extrusion.

The product works universally with most polymers, has increased flow, better dispersion and uniformity of the final product, and a very low dosage is required as compared to conventional master batch.

- **Emblazon** : Has high pigment concentration and excellent dispersion, with fine micron size of pigment giving excellent colour strength to almost all forms of Plastics and processing methods.
- **Physical Form** : Available in Granules/Non Dusting Chips form making it easier for use in various applications.
- **Colours** : Emblazon offers a wide range of Colours from Metallic, Fluorescent, And Standard Colours and custom colours Range of Colours, with various level of opacity and Light Fastness.
- **Gloss & Feel** : Emblazon gives higher gloss and smoothness to end product, thereby increasing the aesthetics.



Emblazon
Emblazon page

Why Choose Emblazon

Emblazon is a unique and versatile product. The product is designed using nano-technology giving better pigment strength due to sub micron pigment particle size, as a result a lower dosage of master batch and a lower dosage of pigment is used to colour the polymer.

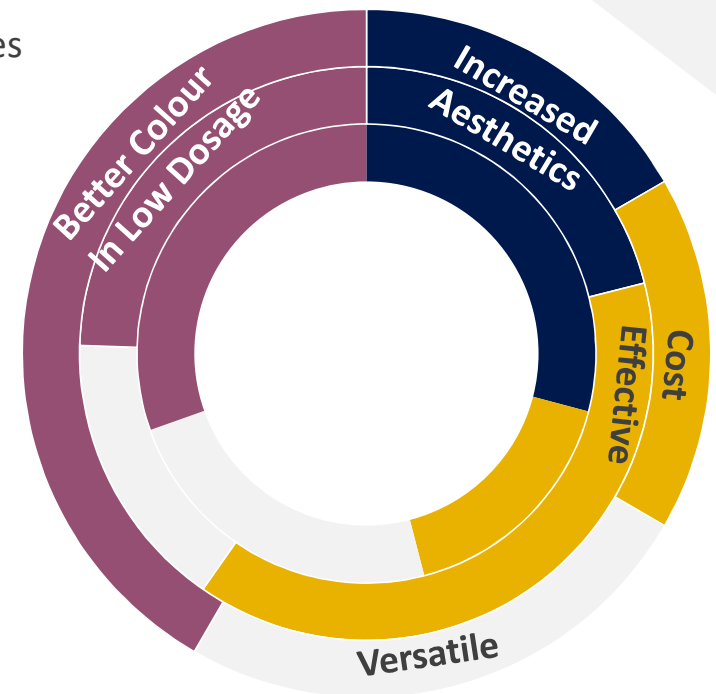
The Master Batch produced results in better tinting or colouring properties of pigment, and dosage of effective pigment to get the same strength is lower (about 65% less) than conventional master batch.

KEY BENEFITS OF EMBLAZON

- Versatile, universal Master Batch
- Cost Effective choice for processors
- Enhanced Transparency
- Low Dosage
- Available in wide range of Colours
- Metallic & Fluorescent Shades
- Enhanced Production.



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Grades Available

EMBLAZON GRADES



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GRADES	PARTICULARS
TX - 1101	Available as non-dusting chips with high pigment concentration (up to 80%)
TX - 1201	Available as non-dusting chips/pellets for use in Injection & Blow Moulding
TX - 1301	Available as non-dusting chips/pellets for use in Film Extrusion
TX - 1351	Available as non-dusting chips/pellets for use in Film/Leno/Agronet
TX - 1361	Available as non-dusting chips/pellets for use in Multi Filament/Mono Filament Yarns
TX - 1401	Available as non-dusting chips/pellets for use in Moulding Nylon/PP
TX - 1501	Available as non-dusting chips/pellets for use in Lamination
TX - 1601	Available as non-dusting chips/pellets for use in Cables (FR and Regular)

Polyco

MASTER BATCH



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Solid Granules of dispersed pigments and additives in polymers such as LLDPE/PP, for use of plastic colouring and enhancing polymer properties ideally suited for any form of plastic extrusion.

Fine blend of Polymer & Additives giving enhanced dispersion. It is a Cost Effective choice for processors.

Physical Form :

Available in Granules form making it easier for use in various applications.

Colours :

POLYCO offers a wide range of colours from standard colours to custom colours range with various level of opacity and light fastness.

- Pearl / Fluorescent Colours
- Lead and heavy metal free master batches
- Glow in dark
- Outdoor Colours-Light fastness 7-8
- Metallic Colours



Additive

MASTER BATCH



Polymer Enhancement :

A range of Additive Blends are available to enhance various properties of final product.

- Gloss Enhancer
- Optical Brighteners
- Anti Oxidants
- UV Stabilizers
- Anti Static
- Semi Conductivity
- Anti Scratch
- Flame Retardants



Liquid

MASTER BATCH



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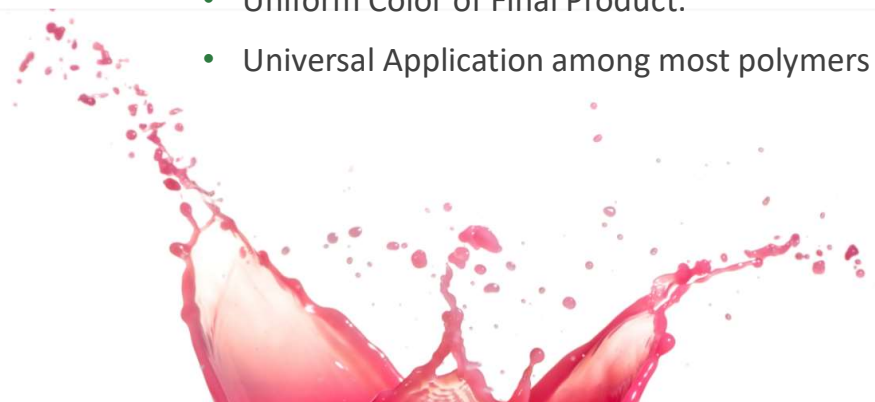
Liquid Color or Liquid Color Concentrate describes to a system consisting of a liquid binder (carrier), dyes or pigments and other additives such as process additives, stabilisers or similar. The liquid colors are mixed into the plastic (raw polymer or recyclat) for coloring or changing the properties.

In general, there are three groups of liquid colours.

- Liquid colours, which are used to colour plastic products.
- Liquid additive concentrates that provide specific properties in the end products, such as UV stabilization, flame retardancy, antistatic or anti-blocking.
- Combination liquid colours that contain both colorants and additives.

Advantages of Liquid Master Batch

- High Pigment Concentration and Dispersion enabling extremely Low dosage of Master Batch.
- High Transparency
- Uniform Color of Final Product.
- Universal Application among most polymers and process.





Thank You.



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