



# BAGRECHA POLYMERS

Colour Solutions for Plastics

Manufacturing Masterbatches

**SINCE 1993**

An ISO 9001:2015 Certified Company



# BAGRECHA POLYMERS

Since 1993, we at Bagrecha Polymers have been delivering high quality masterbatches and co-creating innovative, reliable and high quality solutions for the plastic industry. Bagrecha Polymers has industry experience of over 27 years. Our machines ensure the correct combination of raw material and hardware to produce a masterbatch exactly matching the customer's needs. With an experienced team we are delivering high quality, consistent and cost effective solutions to cater to the current and future needs of its customers for both standard and speciality solutions.

All types of colours, black, white and additive masterbatches are manufactured by us. Metallic and transparent colours are also provided. We have a production capacity of 400MT per month with the latest machinery (Twin-screw extruder and high speed mixture).





## PRODUCTS



### BLACK MASTERBATCHES

Black Masterbatch has various levels of carbon black content in its composition that makes it suitable for use as the black pigment in many plastic applications.



### WHITE MASTERBATCHES

White Masterbatch has wide applications in the plastic industry for providing excellent whiteness to the products. Besides this, it is also responsible for the brightness and opacity in the final plastic product.



### COLOR MASTERBATCHES

Color Masterbatch are the best to choose as it imparts light fastness, thermal stability and color consistency to the plastic products. Composed of high-grade pigments, these masterbatches are available in approximately 200 shades of colors.



### FILLER MASTERBATCHES

We offering an extensive range of Filler Masterbatch. These improve the quality of products and results in increased production in a cost effective manner.



### ADDITIVE MASTERBATCHES

There are many advantages of using this masterbatch; it prevents degradation of plastic caused due to UV light and can also reduce the product weight and resin consumption.

Range of Additive Masterbatches are available for various implementations; Optical Brightener Masterbatches, UV Masterbatches, Slip Masterbatches, FR Masterbatches.

**QUALITY  
IS OUR PRIME  
FOCUS**

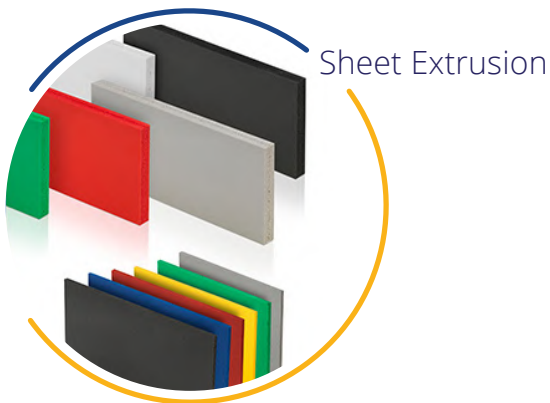


# APPLICATIONS



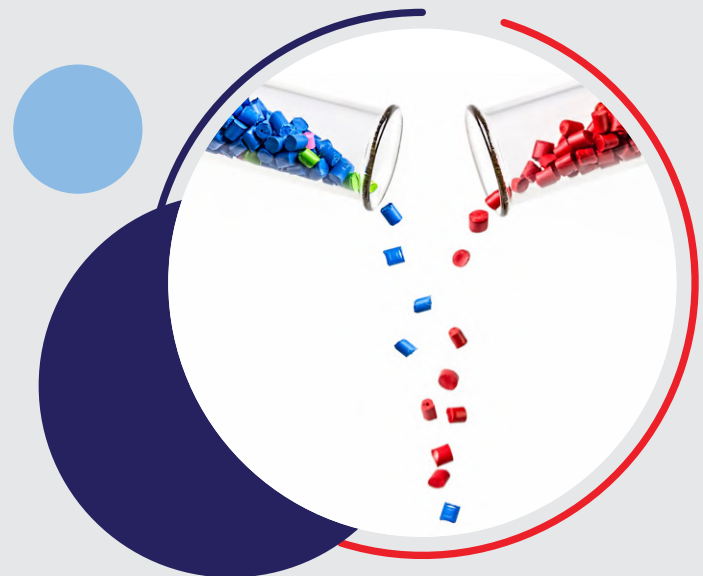


## APPLICATIONS



## INDUSTRIES SERVED

- Agriculture
- Household Appliances
- Pipe Industry
- Packaging Industry
- Wires & Cables
- Automotive & Transportation
- Health Care & Pharma
- Textiles





## Masterbatches for Woven Sacks Bags:

Woven, or weaving is a method by many threads or tapes woven in two directions (warp and weft), to form a fabric out of plastic for plastic industry needs. In the plastic woven industry, with a plastic film is drawn into filaments, woven into fabric/sheet/cloth.

Woven Sacks Bags are made of polypropylene. Polypropylene strips/threads are woven in two directions to create a light, but strong and heavy duty material. Woven Sacks Bags are also known as PP Bags as they are made of polypropylene. Woven Sacks bags are used as Cement bags, Fertilizer Bags, Salt Bags, Food Grain Bags, Rice Bags, Chemical Bags etc.

Masterbatches are used to give desired colours to Woven Sacks Bags.

\*Industry Wise General Shades for Woven Sacks are as below :

Shade	Company Name	Code	Remarks
Cement Industry	Ambuja Cement	Ambuja Yellow	
	Ultratech Cement	Ultra Yellow, Pantone Red 485	
	ACC Cement	ACC Green	
	Lafarge Cement	Lafarge Green	
	Sanghi Cement	Sanghi Yellow, Sanghi Brown, Sanghi Blue	
	Shree Cement	Shree Yellow	
	Wonder Cement	Wonder Yellow, Wonder Green	
	Bharathi Cement	Bharathi Blue, Bharathi Green	
	Haathi Cement	Haathi Red	
	Tata Cement	Tata Red, Tata Blue	
Fertilizer Industry	IFFCO Fertilizer	IFFCO Red, IFFCO Green, IFFCO Yellow	
	RCF Limited	RCF Orange	
	GNFC Limited	Narmada Lemon Yellow	
	National Fertilizer Limited	NFL Yellow	
	Kribhco	KF Green	
Sugar Industry	Various Companies	Warna Brown, TS Blue, Navy Blue	
Rice Industry	Various Companies	Lemon Yellow	
Foodgrain Industry	Various Companies	Yellow, Pantone 102	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.





## Masterbatches for Tarpaulin/Lamination:

A Tarpaulin is a fabric-like material that resists stretching well in all directions and is waterproof. It is basically a Fabric made of Plastics (Sheets) which can be either of Low Density Polyethylene (LDPE) or high density polyethylene (HDPE). When treated against Ultraviolet (UV) light, these tarpaulins can last for years exposed to the elements, but non-UV treated material will quickly become brittle and lose strength and water resistance if exposed to sunlight.

A Tarpaulin has many uses including shelter from wind, rain, sunlight. Tarpaulin has various Industrial and Domestic uses.

Masterbatches are added while coating is done on Sheets i.e. Fabric made of Plastics.



\*General Shades for Tarpaulin/Lamination are as below :

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
Blue	M Blue Dark SP, VI Blue, Dark Blue, Navy Blue	
Green	Dark Bright Green, Bright Green, Utility Parrot Green	
Yellow	P Dark Yellow, M Dark Yellow	
Orange	T Orange BA, GT Orange	
Silver	Silver R, Silver SB, Silver Super	
Metallic	Metallic Blue, Metallic Green, Metallic Majenta, Metallic Gold, Metallic Copper, Metallic Heena, Metallic Violet, Metallic Black	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.



## Masterbatches for Film/Shopping/Plastic Carry Bags:

Film/Shopping/Plastic Carry Bags can be made with a variety of plastics films. Polyethylene (LDPE, LLDPE, etc.) is the most common raw material for such bags. Open bags with carrying handles are used in large numbers.

Masterbatches are added to raw material to provide colour to Films, Shopping Bags or Plastic Carry Bags.



\*General Shades for Film/Shopping/Plastic Carry Bags are as below :

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
White	A White, SPES White, SPL Himalayan White, Himalayan White V	Different Code contains different TIO2 Loading percentages.
Blue	Dark GP Blue, Blue Dark, NM Blue I, M Blue Dark, Transparent Blue, NYRT	
Green	Dark Bright Green, Transparent Green, Transparent Parrot Green, Utility Parrot Green	
Golden Yellow	NSP Golden Yellow, P Golden Yellow, Dark Ivory	
Lemon Yellow	Dark Lemon Yellow, Special Lemon Yellow, Dark GCIC Yellow	
Red	Blood Red, Super Blood Red, Transparent Red	
Orange	Super Orange, Transparent Orange	
Silver	Silver, Special Silver	
Violet	Super Violet, Transparent Violet	
Pink	Super Pink, Bright Pink, Rose Pink, Baby Pink, Transparent Pink	
Grey	Dark Grey, New Light Grey	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.





## Masterbatches for Kisan Pipe/ Agriculture LDPE Pipe:

Kisan Pipe/ Agriculture LDPE Pipe have various advantages. Such Pipes are crack proof. Kisan Pipe/ Agriculture LDPE Pipe are highly durable and have long functional life. Such Pipes are made of different lengths and diameters.

Masterbatches are added to the process of Kisan Pipe/Agriculture LDPE Pipe to achieve the desired colour of the Pipe.



\*General Shades for Kisan Pipe/ Agriculture LDPE Pipe are as below :

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
White	A White, SPES White, SPL Himalayan White, Himalayan White V	Different Code contains different TIO2 Loading percentages.
Blue	Blue Dark, VSP Bright Blue, SPL Turquoise Blue, Sky Blue, ICE Blue,	
Green	Dark Bright Green, Reliance Green, VSP Bright Green	
Golden Yellow	NSP Golden Yellow, VE Yellow, P Golden Yellow, OVE Yellow	
Lemon Yellow	Special Lemon Yellow	
Red	Blood Red, Super Blood Red, Post Office Red	
Orange	Super Orange, NSP Orange	
Silver	Silver, Special Silver	
Violet	Super Violet	
Pink	Super Pink, Bright Pink, Rose Pink	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.



## Masterbatches for Water Tanks/ Roto Moulding:

Rotational moulding, also known as Roto-moulding, is a plastics moulding technology which is ideal for making hollow articles. It is a casting technique but unlike most other plastics processes there is no pressure involved.

Water Tanks are manufactured by Rotational Moulding.



\*General Shades for Water Tanks/ Roto Moulding are as below :

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
Blue Tone White	Dark White BT	For Inner layer of Water Tank.
	Pepsi Blue	For Inner layer of Water Tank.
Violet Tone White	Dark VT White	For Inner layer of Water Tank.
White	A White, SPES White, SPL Himalayan White, Himalayan White V	Different Code contains different TIO2 Loading percentages.
Blue	Deep Blue, Tank Blue	
Green	Utility Parrot Green, Tank Green	
Red	Blood Red	
Orange	Super Orange, NSP Orange	
Golden Yellow	NSP Golden Yellow, P Golden Yellow, B+ Golden Yellow	
Lemon Yellow	Special Lemon Yellow	
Pink	Super Pink, Bright Pink	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.



## Masterbatches for Injection Moulding :

One of the most common ways in which plastics products are made is by injection moulding. Injection moulding consists of the high pressure injection of various raw materials into a mould which shapes the polymer into the desired shape.

The colouring of moulded plastic products can be achieved by adding a small percentage of Colour Masterbatches into the main bulk of plastic resin during processing. Hence it is extremely important to select Colour Masterbatches which are of good quality and give perfect colouring.

**\*General Shades for Injection Moulding are as below :**

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
White	A White, SPES White, SPL Himalayan White, Himalayan White V	Different Code contains different TIO2 Loading percentages.
Blue	Dark GP Blue, Blue Dark, NM Blue I, M Blue Dark, Transparent Blue, NYRT, Dark Oxford Blue, Bright Blue, Sky Blue, Ice Blue	
Green	Dark Bright Green, Transparent Green, Transparent Parrot Green, Dark Apple Green, Utility Parrot Green, Reliance Green	
Golden Yellow	NSP Golden Yellow, P Golden Yellow, Dark Ivory	
Lemon Yellow	Dark Lemon Yellow, Special Lemon Yellow, Dark GCIC Yellow	
Red	Blood Red, Super Blood Red, Post Office Red, Transparent Red	
Orange	Super Orange, NSP Orange, Transparent Orange	
Silver	Silver, Special Silver	
Violet	Super Violet, Transparent Violet	
Pink	Super Pink, Bright Pink, Rose Pink, Baby Pink, Transparent Pink	
Grey	Dark Grey, New Light Grey	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.



## Masterbatches for HDPE Pipes & Fittings :

HDPE Pipes are manufactured using High Density Polyethylene that ensures their flawless Performance and long functional life. These pipes are quite useful for carrying potable water, slurries, hazardous wastes, wastewater, cables, chemicals and compressed gases as well as oils. Moreover, these are highly demanded for landfill gas extraction and cable ducting.

Selecting the right masterbatch is critical to satisfying various technical requirements. For other pipe applications, such as irrigation or corrugated pipe, Bagrecha Polymers have a range of high-performing specialty masterbatches that can provide the necessary UV protection to prevent polymer degradation and extend the performance life of pipe.



\*General Shades for HDPE Pipes & Fittings are as below :

Shade	Code	Remarks
Black	SPM Black	Made out of Reprocess Material. Contains 40% Carbon Loading.
	FSP Black	Contains 40 % Carbon Loading.
	Black 502	Contains 50 % Carbon Loading.
Blue	Dark Bright Blue, Blue Dark, Transparent Blue, Sky Blue	
Green	Dark Bright Green, Reliance Green	
Golden Yellow	NSP Golden Yellow, P Golden Yellow	
Lemon Yellow	Special Lemon Yellow	
Grey	Dark Grey, New Light Grey, T Grey	

\*Specific Shades/ Customized shades are also manufactured.

\*Above is just an illustrative list of shades. Many other shades are also available. Do contact us for further shades details.





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