MANUFACTURER OF COLOR, BLACK AND ADDITIVE MASTERBATCH
COMPANY PROFILE

“To improve is to change. To be perfect is to change often.”

Keeping in view the present market scenario, success cannot be achieved without providing complacency and contentedness to the clients. With our focus on quality, consistency, innovation, competitive pricing, and outstanding services, we have established our presence in the market and have become patrons preferred supplier.

Sumiran Masterbatch Pvt Ltd is a renowned ICRA credit rated company, coming forth as a trustworthy Manufacturer and Wholesaler/Distributor in the market. Our quality assured range includes Color Masterbatch, Black Masterbatch, Additive Masterbatches etc, which are famous amongst our clients due to their perfect finish and easy applications.

In the period of our operation, we have become a well recognized brand in the market with the support of our client focused business approach. It is our prime aim to attain maximum level of clients' satisfaction by providing them with an exceptional and unadulterated array of plastic colors like Black Masterbatch, Plastic Color Granules and Additives. Our offered additives are admired amongst our patrons due to incredible color fastness and purity, we are also famous for our range's color accuracy in the market. Furthermore, our brand is chosen by our clients over many other brands of the domain because of our unique product features like:-

» Their balanced composition helps them in providing wider coverage to the surface.
» Protects the surface from the degradation caused by UV rays.
» Gives the plastic surface a long lasting smooth and shiny finish.
» They can easily withstand the harsh weather conditions.

COMPETITIVE ADVANTAGE

» Excellent dispersion
» Excellence Processibility
» Better production flexibility
» Cost saving due to low addition level
OUR WORKFORCE


In addition to the support of our loyal customer base, our dedicated workforce have also been the driving force behind our tremendous growth in the past few years. They are recruited strictly after evaluating their qualifications, practical knowledge and skills. After selection, they are trained further to improve their skills even more, this helps them in creating a flawless range for our clients. To stay at par with the changing technology and market demands, they keep an eye on the fluctuating business environment. It is also their duty to strengthen our organization’s relations with our clients. Our team of more than 25 professionals also collect surveys and feedback from our clients to get a clear intellect of their varying requirements.
OUR INFRASTRUCTURE AND TECHNOLOGY


Sumiran Masterbatch is having manufacturing unit established at Bavla, Ahmedabad with the production capacity of more than 10000 Mt which enable Sumiran to handle bulk as well as small order efficiently and effectively. The premises consist of different unit house for different products like Black, Colour, Additives etc, to ensure clean environment and purity of the colors.

Our Latest and well developed infrastructure facilities comprising of latest Twin Extruder, Automatic High Speed mixer, fully computerized process control system and associated equipment like bagging system for perfect Quantity and Quality which enable us to meet our production targets and cater to the diverse product requirements of our clients.

Our huge warehouse facility, valuable services, and mind blowing sales professionals help customers by understanding their requirement and meet it with perfection. At Sumiran, we work on finding solutions and new ideas to complete the client demand effectively. Moreover, our online catalog help them to go through the specifications of our products, specifying requirements of cut-to size pieces, pricing and price breaks.

Further the affordable prices of our products and high quality end results provided by them has also helped us to make many reputed clients in the national and international markets like Sri Lanka, Africa, Malaysia etc.
RESEARCH AND DEVELOPMENT DEPARTMENT

“Research is creating New Knowledge.”

Sumiran Masterbatch Pvt Ltd renders innovation, best solutions, and implement cost effective approaches to transform customers vision into production. Here at Sumiran, change i.e. research is on going process with sophisticated testing and analysis equipment, which is instrumental in the development of customised masterbatches for specialised applications. Latest equipments like Blow film extruder, roll mill, data color spectrometer, opacity meter, Melt Flow Tester and many more along with highly skilled professional Teams develops variety of product innovations and testing tasks.

Their Expertise along with modern equipments helps us to meet both the standard and customized product development demands of our clients.

» Lab Twin Extruder  » Micrometer
» Filter Press Index Machines  » CBC Analyzer
» Opacity Meter  » Hot Air Oven
» Data color Spectrophotometer  » Lab Blow Film Plant
» MFI Tester  » Lab Injection Molding Machine
» Hot Plate  » Weighing Balance
» Hydraulic Press
At Sumiran, We have dedicated team to focus on proper choice of Raw Materials and production house with advanced technology along with professional team to provide complete customer satisfaction by providing flawless quality product.

Perfection with Quality at effective rates can be achieved by proper selection of pigments, additives and Carrier base and perfect mixing process Sumiran Masterbatch has developed a sound production and quality control infrastructure to match the stringent quality expectations of clients. Made with high quality pigments, superior mixing process, in house laboratory with spectrophotometer and trained chemists provides best batch to batch consistency in quality as well as color specification.

Our quality controllers stringently check this product against several quality parameters and equipments to ensure a defect free supply at the clients' end.

- The company applies step to step process for better quality.
- Meet Customer's need and Expectation.
- Meet commitments on Time.
- Research and development is being done continuously on various products for developing better product for customers.
- Quality Control tests are conducted regularly to maintain a uniform product quality.
White Masterbatch has been growing continuously and has an unlimited potential in the market. Therefore, in order to be with the market space, we keep updating our products by using the right amount of Additives & best quality Titanium Dioxide (upto 75% content) which is the most essential ingredient for the production of all White Masterbatch.

Our expert team is specially committed for various range of White Masterbatch consists of a wide selection of custom made and innovative whites with or without fillers – or with additional agents like UV or thermo stabilizers at convincing rates in the market.

Our Product Range

<table>
<thead>
<tr>
<th>GRADE NAME</th>
<th>TITANIUM LOADING</th>
<th>BASE CARRIER</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>SM White 103</td>
<td>75 %</td>
<td>PE</td>
<td>Multi Layer Film, Monolayer Film, Blow Molding, Lamination etc</td>
</tr>
<tr>
<td>SM White 104</td>
<td>65 %</td>
<td>PE</td>
<td>Multi Layer Film, Monolayer Film, Blow Molding, Rotational Molding, Injection Molding, Lamination, Non Woven application etc</td>
</tr>
<tr>
<td>SM White 105</td>
<td>50 %</td>
<td>PE</td>
<td>Monolayer Film, Blow Molding, Rotational Molding, Injection Molding, Pipe Extrusion, Lamination</td>
</tr>
<tr>
<td>SM White 106</td>
<td>40 %</td>
<td>PE</td>
<td>Monolayer Film, Blow Molding, Rotational Molding, Injection Molding, Pipe Extrusion</td>
</tr>
<tr>
<td>SM White 107</td>
<td>35 %</td>
<td>PE</td>
<td>Monolayer Film, Blow Molding, Rotational Molding, Injection Molding, Pipe Extrusion</td>
</tr>
</tbody>
</table>

***There are various other grades depending on specific requirements of the customers. Packaging: Standard Packaging of 25 kg woven Bags provided with Linear

E: sumiranmasterbatch@gmail.com | W: www.sumiranmasterbatch.com
Black is the darkest color, the result of the absence or complete absorption of visible light. It’s conductive and heating properties are taken into consideration while dealing with this product.

Black Masterbatch has been manufactured with up to 50% of carbon black content in its composition that makes it suitable for use as the black pigment in many plastic applications and also available as per customer requirement with or without UV protection in the end products. Our Raw Material expertise and dispersion technology helps you to achieve highest quality results.

Major application areas of this Masterbatch are blow molding, injection molding, HDPE pipes, mono filaments, Film extrusion etc. We play vital role in such key Market like Agricultural Film, packaging Textile, non woven and toys.

**DESIRABLE RESULT OF BLACK MASTERBATCH**

- Durability, High Jetness
- UV Stability
- Uniform Dispersion
- High Temperature Resistance
- No Issues of bleed or bloom, Ease of processibility

<table>
<thead>
<tr>
<th>PRODUCT CODE</th>
<th>CARBON LOADING</th>
<th>CARRIER BASE</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>BLACK SM 1024</td>
<td>50%</td>
<td>PE</td>
<td>Pipes and Film Extrusion</td>
</tr>
<tr>
<td>BLACK SM 1034</td>
<td>50%</td>
<td>PE</td>
<td>Rotomolded Tank Molding, HDPE Pipes and extrusion</td>
</tr>
<tr>
<td>BLACK SM 1038</td>
<td>40%</td>
<td>PE</td>
<td>Geo Membranes, Non Woven Bags, Drip Irrigation</td>
</tr>
<tr>
<td>BLACK SM 1042</td>
<td>40%</td>
<td>PE</td>
<td>For High Jet &amp; Gloss film, UV sensitive, Geo Textiles, Laterals</td>
</tr>
<tr>
<td>BLACK SM 1044</td>
<td>40%</td>
<td>PE</td>
<td>Mulch Film, Tarpaulin, Laminations, Thin Film and Molding</td>
</tr>
<tr>
<td>BLACK SM 1050</td>
<td>40%</td>
<td>PE</td>
<td>Economical glade for injection molding and thick film</td>
</tr>
<tr>
<td>BLACK SM 1060</td>
<td>35%</td>
<td>PP</td>
<td>PP fiber grade for Multi filament and Mono Filament</td>
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<tr>
<td>BLACK SM 1070</td>
<td>30%</td>
<td>PE</td>
<td>General Purpose</td>
</tr>
<tr>
<td>BLACK SM 1082</td>
<td>30%</td>
<td>EVA</td>
<td></td>
</tr>
</tbody>
</table>

***There are other grades available as per customer needs.***

**Packaging**: Standard Packaging of 25 kg woven Bags provided with Linear
COLOR MASTERBATCH

PROPERTIES
» Greater production flexibility
» Improves thermal stability
» Excellent dispersion
» Customized Product

Colours are the smiles of nature. Perfect shade with Quality at effective rates can be achieved by proper selection of pigments, additives and Carrier base and perfect mixing process. At Sumiran, We have dedicated team to focus on proper choice of Raw Materials and production house with advanced technology along with professional team to provide complete customer satisfaction.

We have matched 1000 different shades of colours as per customer needs with perfection because of strict Quality Check backed by the equipment and trained personnel in our laboratory.

These Masterbatch are widely used in blow molding of bottles, injection molding of household items, Lamination, Tarpaulins and insulation of cables.
UV Masterbatch is available with concentration of 20% using high quality of HALS which helps to protect the polymers against UV Degradation and strength the production level.

The expertise developed by Sumiran in this field allows us to provide you Taylor-made and Cost Effective Masterbatch Solutions to your particular needs. It is available both in Food and Non food grade as per application.

**PROPERTIES**

- 1% to 5% loading with polymers for better result
- High resistance to extraction
- Long Term UV Resistance
- Excellent surface characteristics

**APPLICATIONS**

Agricultural green house film, FIBC bags, moulded crates, drums, garbage cans, garden furniture, outdoor articles etc. Tarpaulin, Rotomoulded Water Tank, Shaded Net, Woven sacks, HDPE/PP raffia tapes, LDPE/LLDPE/PP lamination. All types of PP/PE made products.

**PPA MASTERBATCH**

During processing the fluoropolymer gets coated on the walls of the extruder and die. This reduces the extruder back pressure to decrease. To achieve the coating in a reasonable time the process aid masterbatch is typically added at 1% until the beneficial effects are seen. After this the addition rate can be reduced to 0.5% down to even 0.25% as long as the effect continues to be evident. A small addition must be maintained through the extrusion run.

Our offered PPA Masterbatch is known for their better output and high quality in the market.

**PROPERTIES**

- Reduces / eliminates melt fracture especially when processing polymers with varying MFL – e.g in Multi layer films and can also reduce extruder torque.
- Optimization of extruder process lead to increase in output along with enhanced and bi-directional physical properties and improved clarity and gloss Reduce or eliminate die build up.
- Reduce or eliminate Gels and optical defects.
- Increase the output by up to 20%.
- Reduces electricity consumption due to reduced back-pressure in the extruder.

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Sumiran supply a comprehensive range of Additive Masterbatch products that are used extensively throughout the thermoplastics industry. The standard range includes but is not limited to:

**ANTIBLOCK**
prevents films sticking together during and after processing.

**ANTIOXIDANTS**
inhibits polymer oxidation (colour / polymer degradation, gels and black specks).

**ANTISLIP**
increases coefficient of friction to prevent slip of stacked PE bags.

**ANTISTATIC**
prevents dust pick-up and build up of static charge.

**BLOWING AGENTS**
lowers density reducing part weight leading to lower costs.

**FLAME RETARDANTS**
offers varying degrees of fire resistance.

**NUCLEATING AGENT**
improves cycle time and polymer crystallinity, foam nucleator.

**SLIP AGENTS**
reduces coefficient of friction – often used in conjunction with antiblocks.
OUR GLOBAL PRESENCE