

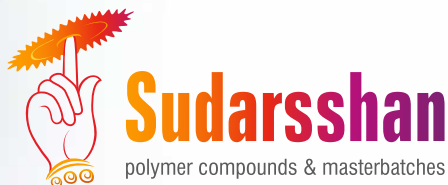


Sudarsshan

polymer compounds & masterbatches



A full spectrum of Masterbatches



Masterbatches

We deliver a full spectrum of Masterbatches to cater the needs of varied plastic processors.

Black Masterbatches

Sudarsshan offers a range of Black Masterbatches. The range includes grades from 30% to 55% Carbon Black Loading. These grades are made out of best Carbon Black to give you the best performance. Available in High Jet, Economy Black and Super Glossy Carbon Black masterbatches.

Applications - Used widely in Roto-Moulding tanks & Jars, Blow Molded bottles, Mulch films, Multilayer films, HDPE & PP pipes, Drip laterals, PP Nonwoven and Monofilaments. We also offer ABS and HIPS based Black Masterbatches for appliances and automobile components.

White Masterbatches

Sudarsshan offers a range of White Masterbatches. The range includes grades that are from 35% to 75% TiO₂ loading. These grades are made out of best TiO₂ pigment, to give you the best performance. Available in Milky, Ultra, High Ultra and also Super white based on Optical Brightener added grades.

Applications - These are used widely in Blow Moulding & Roto Moulding Tanks and Jars, Mono and Multilayer films, PP Nonwoven and Monofilaments. ABS and HIPS based Masterbatches are used widely in White Good Appliances, Toys, Mats etc.

Colour Masterbatches

We have a range of Color Masterbatches. All batches are maintained within a close tolerance of dE 0.5. We also offer colours based on RAL color codes. We have a total new range of Special Effect Masterbatches such Fluorescent, Pearl, Transparent, Metallic etc.

Applications - Appliances, Automobile, Furniture, Agricultural Equipments, Domestic products, Industrial products and Packaging.



UV Masterbatches

- Made of world's best UV Additive producer Cytec (now Solvay).
- Most reliable and highly efficient in performance and qualify the stringent environmental conditions.

Applications – Green House Films, Mulch Films, Non-woven Fabric, Flat Woven Tapes for making Jumbo Bags, and Woven Bags etc.



Desiccant

- Attracts and chemically binds moisture.
- Economical way to eliminate moisture problems in plastics processing like lensing, voiding and splash marks in the finished product.
- Reduces the need for pre-drying of materials.
- Recyclate with high moisture content can be used.

Applications - Blown Film, Sheet Extrusion, Profile Extrusion, Blow & Injection Moulding



Anti Microbial

- Suitable for all plastics and polymers including PVC, PC/ABS and TPE.
- Excellent protection against bacteria, biofilm, fungi and mould for the lifetime of the product and at low addition percentage.
- No changes in manufacturing process and can be added at the dosing stage without affecting the appearance of the end product.

Applications - Coolers, Washing Machines, Toilet Seats, Tooth Brushes, Shaving Razors etc.



Flow Enhancer

- Flow Enhancer Masterbatch are functional masterbatch.
- Improves the processibility, surface finish and enhance the output.
- Innovative additive mix gives up to 20% increase in output.

Applications - Pipes & Laterals, Tape line, Film, Large moulding parts, Blow moulding & Roto moulding containers etc.



Polymer Processing Aids

- Based on fluoro-elastomers they are specially engineered for extrusion products.
- Increase optical & mechanical properties.
- Formulated to improve the product surface, reduce die build-up.
- Faster product change time lowers wastage & production cost.

Applications - Tarpaulin, Pipes & Laterals, Tape line, Film, Mulch Films etc.

*Special
Additive
Masterbatches*



Anti-Fog

- Lowers the difference between the surface tension of water and the film.
- No droplets, the water forms a thin uniform layer that does not obscure visibility.
- Gives excellent optical properties and better product appearance.

Applications - Food Packaging Films, Agri Films and Green House Films etc.



Optical Brightener

- Absorbs UV spectrum of a light source and emits light in the blue region of visible spectrum; giving a brighter and whiter appearance.
- Based on high quality chemicals, gives results at much lower dosage of 0.5% - 0.8% max.

Applications - Products where higher brightness is the criteria. Yarns, Nonwoven Fabrics, White Films, Molded & Blow Molded White Jars, Paint Box etc.



Anti Oxidant

- Anti oxidants are right mix of primary & secondary masterbatches.
- It gives protection to the finished product and stabilises the polymer during processing.
- Dosage level of 1-2 % prevents second and third heat exposure cycles.
- When used in a combination with UV masterbatch, gives a long durability to products that has continuous exposure under sun light.

Applications - All Recyclable Polymers, Green House Films, Mulch Films, High Processing Temperature Applications like Tarpaulin etc.



Anti Corrosive

- It releases vapours which form a monomolecular protective layer on the surface of metal to be protected.
- It eliminates the use of additional oils, greases & desiccants. It also delays / stops corrosion of wide range of metal surfaces.
- Very Low Dosage of 1% – 3% is required
- Sudarsshan masterbatches are used for packing Engine Components, Aircraft Engines & parts, Guns & Gun parts.

Applications - Packaging of all Steel and other Metal products, that are susceptible to corrosion, sea Shipment of Steel fabricated articles, Automobile Parts in stores, precision metal products like Bearing & Pistons etc.

and more...

We also provide customised solutions for your unique needs





Solutions...

where colour matching
is a matter of life

No matter how unique colour you need, we will create it for you. Our proficiency in **Colour Matching** and updated technology help us create the exact colour in amazingly less time.

We offer important facility of technical backup i.e. all the details of each masterbatch are stored, therewith assuring that you get your particular colour every time and any time.






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Group Companies

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-  Sudarsshan Pollyalloys
-  Sudarsshan Plast