



**RAH POLYMERS
PVT. LTD.**

ABOUT US



The brand RAH stands for technical competence, modern product design and customer oriented service the world over. Tailored customer solutions are part of the rah tradition and are a matter of course! The development of new products, coupled with modern technology, motivated employees and economical environment production enjoy the highest priority in our company.

With over the years of research and experience under our belts, we have gradually developed into high quality manufacturers of master batches, additives and compounds for plastics, packaging films, fibres etc.

PRODUCTS

BLACK MASTERBATCHES

The Black Masterbatch are provided as per the varying requirements of the clients regarding conductivity, protection from UV, jet ness, etc. Made up of Carbon Black, the Black Masterbatch are used in diverse industrial applications.



- With the tendency of Carbon Black to form aggregates, also known as structure - the performance of Black Masterbatch primarily depends on the dispersion of carbon black in the carrier resin.
- We use specialty additives and processing aids, which causes carbon black to get easily and uniformly dispersed in carrier resin.
- All the ranges of our masterbatches (low cost or high quality) can be used in different applications for example : Film, Injection Moulding, Blow Moulding , Pipe Extrusion and RotoMoulding.

WHITE MASTERBATCHES



RAH POLYMERS has a unique mixing process that get used during the manufacture of White Masterbatch allow for the incorporation of very high levels of solids (up to 85%), with good dispersion properties. This capability enables us to meet typical applications such as: High loading of well dispersed high quality pigment (Titanium Dioxide) suitable for very thin film as

hospital protection sheeting and for the layer of co extruded products, especially heavy duty sacks. Masterbatches suitable for injection moulding applications, such as bottles, tubs, buckets, etc. Where good pigment dispersion is essential.

Our mission in White Masterbatch is also to improve and strengthen the competitive position of our customers and markets they serve. White Masterbatches are formulated to meet the requirements of specific applications. This range of products contains titanium dioxide with additions ranging from 20-85 %.

COLOR MASTER BATCHES

RAH color masterbatches is custom-formulated to meet customers' specific requirements and are suitable for different applications. Our color concentrates and additives improve the appearance and performance in various applications. Upon request, we have raw materials that will comply with the most stringent international regulations. RAH products remain the priority choice in the market as we maintain a high level of consistent color stability (**Delta-E**



below 1) over the years and by offering color master batches with excellent dispersion, UV and weather resistant, zero color bleeding, heat resistant, and light fastness.

We produce 500 standard colours, including universal M.B., general purpose M.B., **FLUORESCENT COLOURS**, **PEARLESCENT COLOURS** and tailor made shades as per customer requirements.

ADDITIVE MASTERBATCHES

- **UVMAST** - is a specialty UV stabilizer concentrate containing 25% UV stabilizer based in polypropylene. This concentrate is designed to offer UV protection by quenching oxidative byproducts resulting from the exposure to UV light. UVMAST has a minimal effect on the color or melt index of products to which it is added. UVMAST is recommended for use at 0.6% to 2% addition levels depending upon customer specific application requirements.
- **SLIPMAST (ANTI BLOCK)** - It can effectively address the coherence problem of films caused by static or viscosity, making the films run more smoothly against each other, to reduce product adhesion. It is widely applied in the blowing and casting process of manufacturing PE films, LDPE film packaging bags. SLIPMAST is recommended for use at 2% to 4% addition levels depending upon customer specific application requirements.
- **ASTAMAST/ANTISTATIC** - During the manufacturing process, film surface will generate electrostatic charges that cause the accumulation of dust, static discharge, and splashing of inks during printing. ASTAMAST helps to neutralize the ions generated during production and solve the electrostatic charges phenomenon that will significantly reduce waste and increase productivity. In addition, antistatic agent could improve processability, mold release, and give better internal and external lubrication. ASTAMAST is recommended for use at 2% to 5% addition levels depending upon customer specific application requirements.
- **CLARIMAST/CLARIFIER** - reduces haze and enhances the clarity of polypropylene through nucleation of the polymer. This product designed to address the limitations of previous generation clarifying agent with respect to transparency, organoleptics, processability and nucleation capability. It has the characteristic of high clarity, better performance, no odor and no toxicity. Mainly apply for PP food container, PP sheet, transparent masterbatch, clarifier PP material, etc. CLARIMAST is recommended for use at 0.2% to 0.5% addition levels depending upon customer specific application requirements.

- **BRIGLO** - has a high brightening intensity and strong fluorescence. Used for the whitening and brightening of polypropylene plastic, hard PVC, ABS,EVA, polystyrene, polycarbonate, etc. Carries good resistance to high temperature. Briglo is recommended for use at 0.2% to 0.5% addition levels depending upon customer specific application requirements.

FILLER MASTERBATCHES

Filler masterbatch is widely used in processing of plastic film, garbage bags, shopping bags, vest bags, packaging bags, Sheet, Pipe, injection molding products and so on. With good dispersity and heat resistance, our filler masterbatch is fine and even. It can guarantee the gloss and toughness of plastic products, improve the performance of plastic products, and reduce the cost at the same time.

- **TPFIL** - used for LDPE/LLDPE/HDPE Film blowing/ casting, HDPE Sheet Extrusion, Hdpe bottle blowing...
- **TPPFIL** - used for PP film blowing, PP Sheet extrusion, PP Pipe extrusion, pp non-woven fabric/ fibre weaving..
- **TPTFIL** - GOOD for transparent LDPE film, have a function of optical brightner...



“ATM Facility – Any Time Matching”, Minimun Order 15 KG



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