



MFAQ

Marina Fajr Qeshm

مارينا فجر قشم



MARINA FAJR QESHM CO.

www.marinafq.com

About Marina Fajr Qeshm

Marina Fajr Qeshm has been established with the commercial object of trading , by using an experienced team & enough investment, as a supplier of high quality additive, masterbatch , compound and chemical materials for valid companies .

It usually tries to present best services and quality in order to satisfy the customers by respecting the two fundamental principles of honesty and speed in supplying . Now we are looking forward to receiving your orders ,suggestions and critics to respond you with pleasure as soon as possible.



Additives

Antiblock Additives

by creating space between the polyolefin films it avoids sticking and blocking within layers.

SLIP ADDITIVES

providing the polyolefin films slipping on to each other and leads them to be opened in proper form.

ANTISTATIC ADDITIVES

avoids the static electricity storage on the surface of plastic



Flame Retardant Addetives

avoids combustion of plastic or even if in realization of flame avoids progressing.

UV- STABILIZER AND ABSORBER ADDITIVES :

delays the corruption of polymer's structure and appearance by the effect of UV due to its percentage of usage.

ANTIOXIDANT ADDITIVES

delays the corruption of polymer's structure and appearance by the effect of OXYGEN and UV due to its percentage of usage.

PROCESSING AID-ADDITIVES

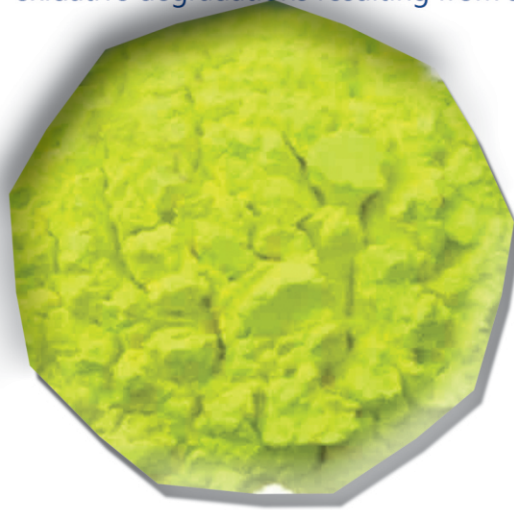
provides energy saving and surface smoothness by creating effect on the surface of machinery while processing the polymer

OPTICAL BRIGHTNESS ADDITIVES

provides brightness and whiteness when the whiteness of plastic is not sufficient enough.

OXO-BIODEGRADABLE INGREDIENTS

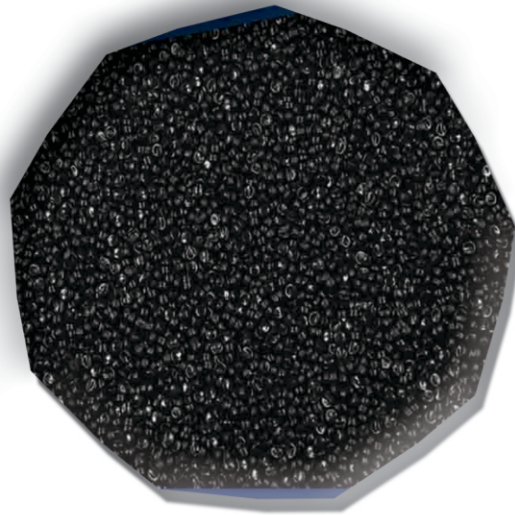
enables the final product to dissolve in the nature more rapidly in polyolefin plastics in which are used by accelerating the photo and thermo-oxidative degradations resulting from sunlight and temperature



Compounds

In compounding, various materials are mixed and melted—generally in an extruder of some type—then pelletized. This pelletized material is subsequently processed into a finished or semi-finished part by either molding or extrusion. Most compounding is done on twin-screw extruders of either co-rotating or counter-rotating design. Other types of equipment, such as single-screw extruders, kneaders and mixers, can also be used to compound materials. From this zone you will be able to navigate to more specific information on single- and multiple-screw compounding.

light, versatile synthetic resin made from the polymerization of ethylene. Polyethylene is a member of the important family of polyolefin resins. It is the most widely used plastic in the world, being made into products ranging from clear food wrap and shopping bags to detergent bottles and automobile fuel tanks. It can also be slit or spun into synthetic fibres or modified to take on the elastic properties of a rubber



Black polyethylene compound for geo-membrane sheet

Geomembrane, geosynthetic material, is a gas, fluid and humidity barrier. Geomembrane sheets can be installed side by side and connected to each other with thermal welding. Though not 100% impermeable, geomembrane sheets are considered impermeable compared to geo-textiles, soils, and even clay.

Geomembrane sheets are either based on Polyethylene (LLDPE, HDPE, and VLDPE) or PVC. Among these HDPE is the most common due to its desirable properties, such as ample supply, high resistance against UV light, chemicals, cracks in tough environments (ESCR), high flexibility, good welding ability, and ultimately, low costs.



Wood plastic compound (Polyethylene/ Polypropylene)

Wood plastic composites are a combination of wood, plastic, and special additives. These environmental-friendly composites can be produced in a wide variety of colors, strengths, with real wood aesthetics, and are fire proof, 100% recyclable, and resistant against humidity, insects and fungi.

For this reason, wood plastics are widely used as a replacement for traditional material used in buildings (like bricks and stone), furniture (wood, MDF, steel), and auto parts.

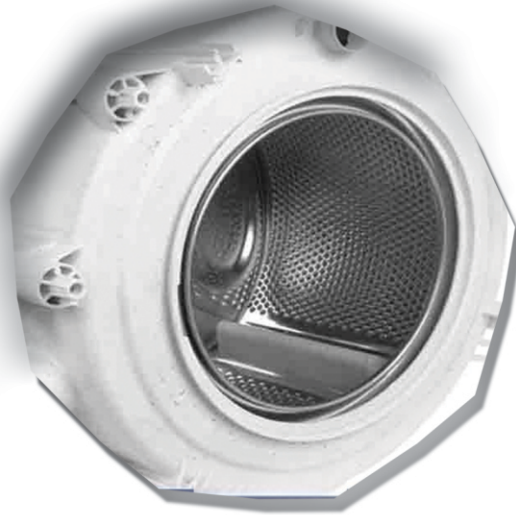
Marina Fajr Qeshm supply wood plastic compounds according to our customers' needs using our compounding technology, top-of-the-line laboratory facilities, technical expertise, and high quality raw material.



Polypropylene reinforced with glass fiber

Using glass fiber can create a good balance between specifications and cost of polymer compounds. Thus, it is used as a reinforcing agent in polymers, especially in PP. The ultimate properties of PP reinforced with glass fiber depend on the middle phase stability of the base polymer and fiber. When cohesion between the polymer and the fiber is weak, the fiber glass cannot play the role of a reinforcing agent and the compound loses its properties. In order to optimally couple the glass fiber with the polymer matrix, it is important to use the proper coupling agent.

Marina Fajr Qeshm glass fiber reinforced PP compound addresses this concern by using a high quality coupling agent and a precise compounding process which optimizes the distribution of glass fiber in the polymer matrix.



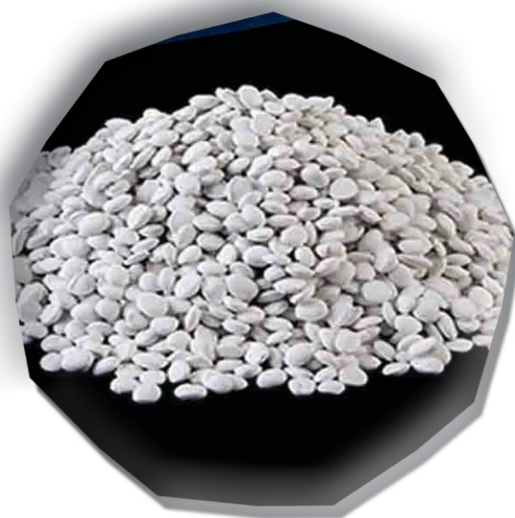
Colorful Masterbatch

The colourful masterbatch is made of PE and PP as carriers, inorganic pigments and organic dyes with high-performance additives. The particles are uniform and beautiful in appearance, cylindrical or flat-round in shape, uniform in color, good dispersibility, stability and heat resistance. It is widely used in packaging film, pots, bottles, caps, pipes, containers, toys, household appliances, office supplies, automotive accessories and all kinds of construction. It is suitable for all kinds of blow moulding, extrusion, injection moulding, casting, wire drawing, chemical fibre and other processing fields.



White Masterbatch

The quality of white Masterbatches depends on the characteristics of the TitaniumDioxide(TIO₂) used in the production phase. Furthermore, the ratio of TitaniumDioxide within the Masterbatch, or its "concentration" is also of utmost importance. White Masterbatches with plain, standard white tones are usually used in the packaging industry and "disposable" products. Masterbatches used for Film Packaging, Blow Moulding Packaging, Thermoform Packaging, etc. are usually marketed with descriptions indicating 30% , "50%", "70%" concentration. The area of use of white Masterbatches where the quality level is of utmost importance are applications where Technical Plastics are used. White goods, Small Household Appliances, Compound Industry, Injection applications, etc. White Masterbatches used during the processing of Technical Plastics must possess high heat stabilization values. Furthermore, due to the fact that products manufactured using Technical Plastics are Consumer Durables, UV resistance of the White Masterbatches used during their production is also very important. In such products where appearance is valued, various different tones of White Masterbatches are used instead of plain white.



Black Masterbatch

Marina Fajr Qeshm is presently the company which is engaged in supply of Black Masterbatch in a corporate sense. MFQ has gotten ahead of the imported Black Masterbatches with its product quality and capacity improved over the years. The quality level of Black Masterbatches is determined by the characteristics of Carbon Black they contain and the production processes. Black Masterbatches must possess a harmonious dispersion and sufficient concentration levels. Furthermore, they must meet blackness intensity, brightness and covering requirements. Black Masterbatches are used in applications such as Film Packaging, Pipes, Automotive, Compound, Panels, Injection, Cables, etc. Furthermore, it may not be possible to achieve the same results with Black Masterbatches in every process. For this reason, only recommended products must be used. It is important that the Black Masterbatches used in Film & Packaging applications provide the required blackness and covering on the product. No "particle" problems must occur on the film during the application. Along with economical products we offer to the market for use in product groups such as Water pipes, Corrugated pipes, Drip Pipes, Sprinkler Pipes.

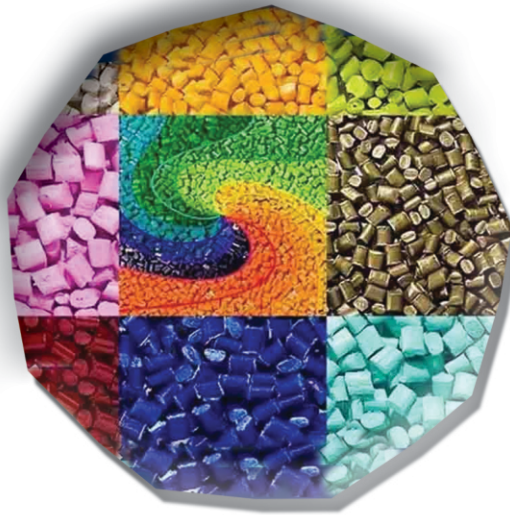


Colored Masterbatch

every brilliant color conception supply in the Marina Fajr Qeshm state-of-the art laboratory. The color matching and formulation services carried out make it easier to blend custom colors to suit your needs. The Marina Fajr Qeshm laboratory is equipped with world-class color matching and quality control facilities to match or develop color masterbatch according to customer requirements.

The display of various color shades in our company that takes the customers through the standard color masterbatch.

Since color and opacity performance can vary with thickness, letdown, polymer selection and processing conditions, customers are recommended to test all products to determine their suitability for individual applications. Suitable carrier polymers are used to formulate masterbatch for Polyamide, PE, PP and PET film production. Marina Fajr Qeshm offers a vast range of Color masterbatch ranging from light to dark colors, transparent to opaque colors and normal to specialty (pearlized and marble) colors depending on customer's requirements on color shades, color strength, product specifications, processes and applications.





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