

YAPRAKSAN[®]
MASTERBATCH

Since 1996

www.yapraksan.com

YAPRAKSAN, adopting a creative and dynamic understanding of working, is engaged in the plastics industry with masterbatch production along with its talented staff, robust technical infrastructure and successful financial process management. Developed in line with:

- Customer orientation,
- Leadership,
- Employee engagement,
- Adoption of process approach,
- Management by goals and data,
- Supplier relationships based on mutual benefit, and
- Continuous improvement and innovation,

The Quality Policy is intended to;

To cater for any customer demands and expectations in all aspects, to carry out activities that ensure the sustained recognition of "good and quality products" in the domestic and foreign markets, and to be a leading company that all its employees, especially the top management, are proud to be a part of.

Our mission is;

To solidify Yapraksan's position in the industry by combining the best service with quality products that go well beyond the expectations of our customers and by providing fast, affordable and continuous solutions.

Our vision is;

To become a worldwide leader in the industry by becoming a pioneer through continuous development, self-perpetuation and new investments.

WHY SHOULD WE USE MASTERBATCH ?

Powder pigments or additives fail to mix with the granular polymer homogeneously. For this reason, it becomes difficult to process. Since the masterbatch is in the same form as the polymer, it mixes homogeneously and is easily processed during the process.

Pigments are composed of specific primary colors. Intermediate colors are difficult to capture and maintain. The intended color is produced in one go when the masterbatch is used. Consistency is achieved since the mixture ratio is fixed.

Powder paint particles flying when working with pigment result in contamination and discoloration of the mechanized lines working with different colors. This has an adverse impact on both the finished product and the business in the final phase. At this point, utilizing masterbatch allows ecofriendly and clean use.

Since the pigment mixture ratios have a direct effect on the color and it is a precision process, its formulation leads to problems. Since the intended color is achieved in one go based on a specific formula when using masterbatch, consistency in quality is ensured with no waste of time.



WHITE MASTERBATCH

PRODUCT CODE	TiO ₂ CONTENT	FOOD CONTACT APPROVAL	RoHS AVAILABILITY
PE 1000	%30	+	+
PE 1010	%40	+	+
PE 1030	%50	+	+
PE 1050	%60	+	+
PE 1070	%70	+	+
PE 1010 B	%40	+	+
PE 1030 B	%50	+	+
PE 1050 B	%60	+	+
PE 1070 B	%70	+	+
PS 1050	%60	+	+
PA 1089	%40	+	+
PC 10011	%50	+	+
SAN 1031	%50	+	+
PET 1156	%60	+	+
EVA 1010	%40	+	+
PP 10021	%50	+	+

*** Letter "B" along with the code stands for Icy White Color in above chart



BLACK MASTERBATCH

PRODUCT CODE	CARBON BLACK CONTENT AND TYPE	FOOD CONTACT APPROVAL	RoHS AVAILABILITY
PE 9910	% 20 HAF	-	+
PE 9920	% 28 HAF	-	+
PE 9930	% 35 HAF	-	+
PE 9900	% 40 HAF	-	+
PE 9840	% 40 HAF	+	+
PE 9965	% 50 HAF	-	+
PP 9801	% 40 P-TYPE	+	+
PC 9821	% 30 ISAF	+	+
PET 9831	% 30 ISAF	+	+
SAN 9841	% 30 P-TYPE	+	+
PA 9851	% 30 P-TYPE	+	+
EVA 9861	% 40 SRF	+	+
PS 9871	% 35 HAF	+	+



COLOR MASTERBATCH

Color masterbatch has high pigmentation, excellent dispersion, high heat resistance and light fastness properties. Upon request, color masterbatch can be produced with different effects, such as Opaque, Translucent and Transparent, Mono, Metallic, Pearlescent, Glitter, Micro Fiber and Fluorescent. When getting prepared for coloring works, we adopt a coordinated approach to offer creative solutions that cater for your functionality and harmony needs. This coordinated approach allows us to understand our customers' technology, needs and product lines. With the ideas we exchange mutually in masterbatch production, we do not only offer you the most affordable and optimal solution, but also enjoy pushing our limits. Along with standard colors, we produce fast and effective solutions with our special coloring works that will meet your demands exactly. We use international catalogues (Ral, Pantone etc.), the finished product pieces or and masterbatch samples to make our customized colors.

- PE MASTERBATCH
- PP MASTERBATCH
- PS MASTERBATCH
- PC MASTERBATCH
- PA MASTERBATCH
- ABS MASTERBATCH
- SAN MASTERBATCH
- ASA MASTERBATCH
- EVA MASTERBATCH
- PET MASTERBATCH
- PLA MASTERBATCH
- PMMA MASTERBATCH
- TRITAN MASTERBATCH

HIGHLIGHTS:

- **MICRO-GRANULE MASTERBATCH (For PE)**
- **POWDER DRY MIX**
- **PULVERIZED MASTERBATCH**
- **COMBINATION MASTERBATCH**
- **PULVERIZED ROTO MOLDING COMPOUND**

ADDITIVE MASTERBATCH

PRODUCT NAME	PRODUCT DESCRIPTION
ANTIBLOCK MASTERBATCH	This additive is added to the raw material, especially in film and sheet applications, and act as a physical separator between two adjacent layers. Additionally, they reduce the adhesion between the two layers since they increase the smoothness of the product.
ANTIMICROBIAL MASTERBATCH	Provides 99.9% less bacteria growth on the material of plastic products and extends the plastic material's service life by making product more hygienic.
ANTIOXIDANT MASTERBATCH	Maintains the unique properties of the polymer during production, delays the break-down that may occur during the process, and protects the plastic from degradation caused by oxidation.
ANTISTATIC MASTERBATCH	This additive is used to eliminate static electricity which causes films to stick together and dust to build up on tools, machines or other surfaces and even sudden discharges such as sparks.
ESSENCE MASTERBATCH	This additive is used to add essence (odour) feature to the plastic products and may be used in all plastic processes.
LIGHT DIFFUSER MASTERBATCH	This additive is used to solve problems of hot spot formations and uneven dispersion of light caused by LED light, especially in computers, phone screens and lighting products where LED light is used.
LASER MARKING MASTERBATCH	This product is used to enhance plastic's resistance to abrasion, weather conditions and chemicals during laser marking process.
DESICCANT MASTERBATCH	This additive is used to solve problems, such as pores, voids and film bubbles, which occur with gassing caused by intense moisture, especially in recycled raw materials as well as in some premium quality polymers.
PURGE MASTERBATCH	This additive is used to offer a faster and more affordable solution to color transitions, polymer changes and routine purging processes in the machinery during processing and may be used to minimize machine purging times in extrusion, blowing and injection applications.
OPTICAL BRIGHTENER MASTERBATCH	This additive is used to give the product a brighter and more vibrant appearance and to whiten the product.
PROCESS AID MASTERBATCH	This additive is used to reduce the friction between the molten polymer and the metal machine parts and allows the molten material to flow uniformly inside the machine. It is also used to improve efficiency and quality in production and to reduce costs as well as increasing the workability of plastics.
SLIP MASTERBATCH	This additive facilitates film production by preventing the film layers from sticking together or slipping over each other.
CLARIFYING MASTERBATCH	Regulates molecular structure of the polypropylene and enhances the transparency and light transmittance features of the final product.
BLOWING MASTERBATCH	This additive is used in the production of plastic materials to reduce the weight of the finished product, to achieve a smooth surface and to make savings in raw materials.
UV MASTERBATCH	This additive is used to remove problems such as cracking, increased brittleness, color changes and impaired physical properties in final product.

INSPECCO
ISO 9001



YAPRAKSAN PLASTİK SAN. VE TİC. A.Ş.

Istanbul Tuzla Organize Sanayi Bolgesi (ITOSB) 2. Cadde No: 27 Tepeoren – Tuzla / ISTANBUL, TURKEY

Phone: +90 216 593 12 50 **Fax:** +90 216 593 12 59

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