



PROFILE



Vivan Inc General Trading L.L.C

Corporate Address: 1515, Park Lane Tower, Business Bay, Dubai, UAE.
P.O. Box: 87556, Contact No. + 971 524 874 459 / +971 502 844 855

ABOUT US

Vivan Inc General Trading L.L.C – Specialty Plastics and Additives Division

Vivan Inc General Trading L.L.C, incepted in 2022, with its head office in Dubai, the financial capital of the UAE, is a leading international organization specializing in high-quality plastic additives and masterbatch products. We are committed to providing innovative, sustainable, and effective solutions to the plastics industry globally. With a strong presence in markets such as the UK, Singapore, India, Canada, China, UAE, Saudi Arabia, Kuwait, Qatar, Oman, Bahrain and many other African Countries we collaborate with industry partners and local communities to ensure responsible and environmentally conscious practices.

Our **Specialty Plastics and Additives Division** is dedicated to enhancing the performance, durability, and sustainability of plastic products. Through advanced technologies and cutting-edge formulations, we offer a diverse range of masterbatches, functional additives, and biodegradable compounds, designed to meet the varied needs of the global plastics manufacturing industry.

Mission:

To be a global leader in the plastic additives market by delivering exceptional products and sustainable solutions. We are committed to providing high-quality, eco-friendly products that help our clients produce durable, high-performance plastic products while minimizing their environmental impact.

Vision:

To be a global leader in specialty plastics and additives, driving innovation and sustainability to create high-performance, eco-friendly solutions that shape the future of the plastic industry.



Product Index

Product Category	Sr. No.	Product Name	Page Number
1. Filler Masterbatches	1.1	PE Filler Masterbatch	Page 3
	1.2	PP Filler Masterbatch	Page 4
2. Colour Masterbatches	2.1	Blue Masterbatch	Page 5
	2.2	Violet/Purple Masterbatch	Page 6
	2.3	Red Masterbatch	Page 7
	2.4	Grey Masterbatch	Page 8
	2.5	Brown Coffee Masterbatch	Page 9
	2.6	Yellow Masterbatch	Page 10
	2.7	Green Masterbatch	Page 11
	2.8	Pink Masterbatch	Page 12
3. Bio Compost & Degradable Compounds	2.9	Orange Masterbatch	Page 13
	3.1	Biodegradable OXO Masterbatch	Page 14
	3.2	Bio Compostable Compound – Bio Polymer	Page 15
4. Functional Additives	4.1	Flame Retardant Masterbatch	Page 16
	4.2	Desiccant Masterbatch	Page 17
	4.3	Polymer Processing Aid (PPA) Masterbatch	Page 18
	4.4	Slip Masterbatch	Page 19
	4.5	Anti-Block Masterbatch	Page 20
	4.6	Antistatic Masterbatch	Page 21
	4.7	Anti-Oxidant Masterbatch	Page 22
	4.8	Anti UV Masterbatch (UV Stabilizers)	Page 23
	4.9	Optical Brightener Masterbatch	Page 24
Fragrance Masterbatch	5.1	Fragrance Masterbatch	Page 25



PE FILLER MASTERBATCH



Technical Information

Specification	MFI (190°C/ 2.1 kg)	CaCO3 D50 particle size	Melting Temperature	Processing Temperature	Application
Test Method	ATSM D1238	Mastersize 2000			
Unit	g/ 10mins	µm	°C	°C	
SE - 5	~1	2	110	140 - 280	- Bolwing Film - Injection Molding - Extrusion - Woven bags, FIBC, Tarpaulin
SE - HD5	~3	2	120	200 - 250	- HDPE Film - HDPE Jerry Cans/ Bottles - Pipe

Specifications

- **Material Origin:** Vietnam
- **Carrier:** Polyethylene
- **Application:** Blow films, blow molding, tarpaulin, woven bags, extruded PE pipe, etc.
- **Packing:** PP/PE bags 25 kg, Jumbo bags
- **Storage:** Products should be stored in a cool, dry condition
- **Appearance:** White granules

Main Applications



Blown Film



Blow Molding



Woven



Injection



Extrusion

Why choose our PE Filler?

High Dosing Rate	Good Dispersion	Low Moisture	Perfect CaCO3, purity, whiteness, shape	Customized based on your requirements



PP FILLER MASTERBATCH



Technical Information

Specification	MFI (190°C/ 2.1 kg)	CaCO3 D50 particle size	Melting Temperature	Processing Temperature	Application
Test Method	ATSM D1238	Mastersize 2000			
Unit	g/ 10mins	µm	°C	°C	
SPV-5	~3	2	152	180 - 280	- Woven Bags - Injection Molding - Pipe
SPV-5 (with Vistamaxx)	~3	2	152	180 - 280	Woven Bags with Vistamaxx
SPN-5	~35	1.5	152	180 - 280	Non-Woven Bags
SPNV-5 (with Vistamaxx)	~35	1.5	152	180 - 280	Non-Woven Bags with Vistamaxx
SPL-5	~20	1.5	152	180 - 280	Lamination

Specifications

- **Material Origin:** Vietnam
- **Carrier:** PP Resin
- **Application:** Blow films, blow molding, tarpaulin, woven bags, extruded PE pipe, etc...
- **Packing:** PP/PE bags 25 kg, Jumbo bags
- **Storage:** Products should be stored in a cool, dry condition
- **Appearance:** White granules

Main Applications



Woven

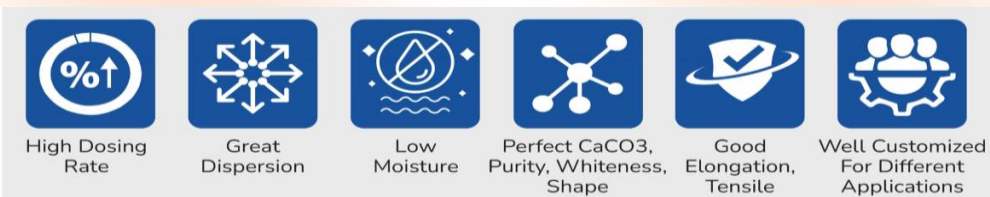
Non-Woven

Injection

Extrusion

Lamination

Why Choose PP Filler



High Dosing
Rate

Great
Dispersion

Low
Moisture

Perfect CaCO₃,
Purity, Whiteness,
Shape

Good
Elongation,
Tensile

Well Customized
For Different
Applications



BLUE MASTERBATCH



Specifications

- Color: BLUE
- Processing temperature: 140 - 200°C
- Package: 25kg PP/PE bag/ Paper Kraft
- Storage: kept in dry condition
- Recommended usage rate: 1 - 5%.

Features

- Develop end-products in a vibrant BLUE color.
- Achieve excellent dispersion properties.
- Ensure high resistance to heat and color fading.
- Prioritize eco-friendliness.
- Offer a range of color options to meet customer preferences.

Vivan Blue Masterbatch comprises blue pigments, resin, and additives, serving the purpose of imparting a vibrant Blue hue to plastic end-products.

Vivan Blue Masterbatch, in particular, is a specialized color masterbatch designed to enhance and deepen the Violet/Purple color, as well as its various shades and nuances in plastic goods. It is composed of resin, Blue pigments, and various additives that enhance both the essential properties and the aesthetic appeal of the products.

Vivan Blue masterbatch is a cost-effective solution for producing Blue plastic items. It finds widespread application in various plastic production processes, including films, extrusion, injection molding, and the automotive industry. This popularity is attributable to its eco-friendly characteristics, color-enhancing properties, and excellent dispersibility. Moreover, manufacturers can request customized blue masterbatch from suppliers to achieve the exact shade of blue they desire.

One such reputable supplier of blue masterbatch is Vivan, known for its product's resilience to heat and color stability. It is suitable for use in a wide range of plastic manufacturing processes. Vivan, with its extensive experience in color masterbatch production, is a trusted global partner for our plastics partner companies worldwide.



BLUE
MASTERBATCH



VIOLET / PURPLE MASTERBATCH



Specifications

- **Color: VIOLET/PURPLE**
- **Processing temperature: 140 - 200°C**
- **Package: 25kg PP/PE bag/ Paper Kraft**
- **Storage: kept in dry condition**

Recommended usage rate: 1 - 5%.

Features

- **Develop end-products in a vibrant VIOLET/PURPLE color.**
- **Achieve excellent dispersion properties.**
- **Ensure high resistance to heat and color fading.**
- **Prioritize eco-friendliness.**
- **Offer a range of color options to meet customer preferences.**

Vivan Violet/Purple Masterbatch comprises Violet/Purple pigments, resin, and additives, serving the purpose of imparting a vibrant Violet/Purple hue to plastic end-products.

Vivan Violet/Purple Masterbatch is a specialized color masterbatch designed to enhance and deepen the Violet/Purple color, as well as its various shades and nuances in plastic goods. It is composed of resin, Violet/Purple pigments, and various additives that enhance both the essential properties and the aesthetic appeal of the products.

Vivan Violet/Purple masterbatch is a cost-effective solution for producing Violet/Purple plastic items. It finds widespread application in various plastic production processes, including films, extrusion, injection molding, and the automotive industry. This popularity is attributable to its eco-friendly characteristics, color-enhancing properties, and excellent dispersibility. Moreover, manufacturers can request customized Violet/Purple masterbatch from suppliers to achieve the exact shade of Violet/Purple they desire.

One such reputable supplier of Violet/Purple masterbatch is Vivan, known for its product's resilience to heat and color stability. It is suitable for use in a wide range of plastic manufacturing processes. Vivan, with its extensive experience in color masterbatch production, is a trusted global partner for our plastics partner companies worldwide.

SHINY PURPLE MASTERBATCH



RED MASTERBATCH



Features

- Develop end-products in a vibrant red color.
- Achieve excellent dispersion properties.
- Ensure high resistance to heat and color fading.
- Prioritize eco-friendliness.
- Offer a range of color options to meet customer preferences.

Specifications

- **Color:** Red
- **Processing temperature:** 140 - 200°C
- **Package:** 25kg PP/PE bag/ Paper Kraft
- **Storage:** kept in dry condition

Recommended usage rate: 1 - 5%.

ITEMS	UNIT	STANDARD VALUE
LLDPE & Additives	wt.%	20
Dark Red Pigment	wt.%	20
CaCO3 Content	wt.%	No
MFI (190/2.16)	g/10mins	20
Moisture	ppm	< 0.02

Vivan Red Masterbatch comprises red pigments, resin, and additives, serving the purpose of imparting a vibrant red hue to plastic end-products.

Vivan Red Masterbatch is a specialized color masterbatch designed to enhance and deepen the red color, as well as its various shades and nuances in plastic goods. It is composed of resin, red pigments, and various additives that enhance both the essential properties and the aesthetic appeal of the products.

Vivan Red master batch is a cost-effective solution for producing red-colored plastic items. It finds widespread application in various plastic production processes, including films, extrusion, injection molding, and the automotive industry. This popularity is attributable to its eco-friendly characteristics, color-enhancing properties, and excellent dispersibility. Moreover, manufacturers can request customized red masterbatch from suppliers to achieve the exact shade of red they desire.

One such reputable supplier of red masterbatch is Vivan, known for its product's resilience to heat and color stability. It is suitable for use in a wide range of plastic manufacturing processes. Vivan, with its extensive experience in color masterbatch production, is a trusted global partner for our plastics partner companies worldwide.

SHINY RED MASTERBATCH



StarPoly Red Masterbatch contains red pigments, resin, and additives, create a vibrant red hue to PE/PP/PS products like: Blow Film, Blow molding, Extrusion.



GREY MASTERBATCH



Specifications

- **Color: Red**
- **Processing temperature: 140 - 200°C**
- **Package: 25kg PP/PE bag/ Paper Kraft**
- **Storage: kept in dry condition**
- **Recommended usage rate: 1 - 5%.**

Features

- **Develop end-products in a vibrant GREY color.**
- **Achieve excellent dispersion properties.**
- **Ensure high resistance to heat and color fading.**
- **Prioritize eco-friendliness.**
- **Offer a range of color options to meet customer preferences.**

Vivan Grey masterbatch, or gray masterbatch, is composed of gray pigments, resin, and specific additives. Its primary purpose is to impart a gray color to end-products made from plastics.

Plastics are imbued with color using pigments to make them more visually appealing and suitable for their intended applications. Additionally, these pigments can provide protection against UV light by absorbing a portion of it, thereby extending the lifespan of plastic items. Grey masterbatch is essentially a concentrated blend of gray powder, base resin, and plastic additives. This color masterbatch introduces a vivid gray hue and enhanced properties, thanks to the additives mixed into the base material.

The widespread use of grey masterbatch in the plastic industry can be attributed to its exceptional dispersibility, high resistance to heat, and color fastness. It finds applications in processes such as thermoforming, injection molding, and blown film production, enabling manufacturers to produce end products with the desired colors, characteristics, and mechanical strength at a cost-effective price.

At Vivan, we offer grey masterbatch in various shades and with properties tailored to meet our customers' production needs. Our team of technical experts is available to provide consultations and assist in customizing a masterbatch that imparts a consistent and durable gray color to your products. Here are some of the outstanding features of Vivan's grey masterbatch.



**SHINY GREY
MASTERBATCH**



BROWN COFFEE MASTERBATCH



Specifications

- **Color:** Brown
- **Processing temperature:** 140 - 200°C
- **Package:** 25kg PP/PE bag/ Paper Kraft
- **Recommended usage rate:** 1 - 5%.

Features

- **Develop end-products in a vibrant BROWN color with Wide range according to customer requirement.**
- **Excellent dispersion and heat resistance**
- **Eco-friendly options available**

Vivan Coffee Brown masterbatch is a blend of brown pigments, resin, and additives, designed to give plastics a rich brown color. It enhances both the appearance and durability of plastic products, offering UV protection, heat resistance, and excellent dispersion.

Widely used in processes like thermoforming, injection molding, and blown film production, brown masterbatch provides a cost-effective solution for achieving consistent, long-lasting color.

At Vivan we offer brown masterbatch in various shades, tailored to meet customer needs. Our technical team is ready to assist you in developing high-quality products with a deep brown hue.



StarPoly COFFEE/BROWN Masterbatch contains red pigments, resin, and additives, create a vibrant BROWN hue to PE/PP/PS products like: Blow Film, Woven, Blow molding, Extrusion.

SHINY COFFEE MASTERBATCH



YELLOW MASTERBATCH



Specifications

- **Color: YELLOW**
- **Processing temperature: 140 - 200°C**
- **Package: 25kg PP/PE bag/ Paper Kraft**
- **Storage: kept in dry condition**
- **Recommended usage rate: 1 - 5%.**

Features

- **Develop end-products in a vibrant YELLOW color.**
- **Achieve excellent dispersion properties.**
- **Ensure high resistance to heat and color fading.**
- **Prioritize eco-friendliness.**
- **Offer a range of color options to meet customer preferences.**

Vivan Yellow Masterbatch comprises yellow pigments, resin, and additives, serving the purpose of imparting a vibrant yellow hue to plastic end-products.

Vivan Yellow Masterbatch, in particular, is a specialized color masterbatch designed to enhance and deepen the yellow color, as well as its various shades and nuances in plastic goods. It is composed of resin, yellow pigments, and various additives that enhance both the essential properties and the aesthetic appeal of the products.

Vivan Yellow masterbatch is a cost-effective solution for producing Yellow plastic items. It finds widespread application in various plastic production processes, including films, extrusion, injection molding, and the automotive industry. This popularity is attributable to its eco-friendly characteristics, color-enhancing properties, and excellent dispersibility. Moreover, manufacturers can request customized yellow masterbatch from suppliers to achieve the exact shade of yellow they desire.

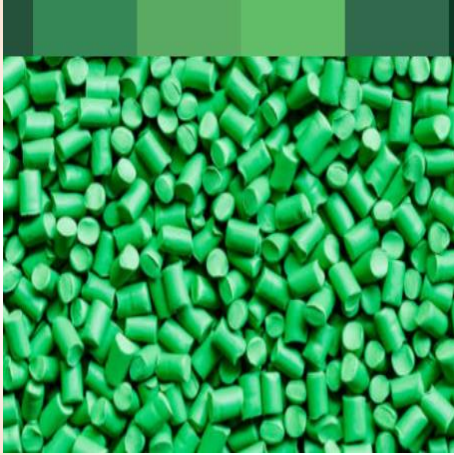
One such reputable supplier of yellow masterbatch is Vivan, known for its product's resilience to heat and color stability. It is suitable for use in a wide range of plastic manufacturing processes. Vivan, with its extensive experience in color masterbatch production, is a trusted global partner for our plastics partner companies worldwide.



StarPoly Yellow Masterbatch contains red pigments, resin, and additives, create a vibrant yellow hue to PE/PP/PS products like: **Blow Film, Blow molding, Extrusion.**



GREEN MASTERBATCH



Specifications

- **Color:** Green
- **Processing temperature:** 140 - 200°C
- **Package:** 25kg PP/PE bag/ Paper Kraft
- **Storage:** Kept in dry conditions
- **Recommended usage rate:** 1 - 5%.

Features

- **Develop end-products in a vibrant GREEN color.**
- **Achieve excellent dispersion properties.**
- **Ensure high resistance to heat and color fading.**
- **Prioritize eco-friendliness.**
- **Offer a range of color options to meet customer preferences.**

Vivan Green masterbatch is composed of green pigments, resin, and specific additives. Its primary purpose is to impart a vibrant green color to end-products made from plastics.

Plastics are colored using pigments to make them more visually appealing and suitable for various applications. Additionally, these pigments can provide protection against UV light by absorbing some of it, thereby extending the lifespan of plastic items. Green masterbatch is essentially a concentrated blend of green powder, base resin, and plastic additives. This color masterbatch introduces a vivid green hue and enhanced properties, thanks to the additives blended into the base material.

The widespread use of green masterbatch in the plastic industry can be attributed to its exceptional dispersibility, high resistance to heat, and color fastness. It finds applications in processes such as thermoforming, injection molding, and blown film production, enabling manufacturers to produce end products with the desired color, characteristics, and mechanical strength at a cost-effective price.

At Vivan, we offer green masterbatch in various shades and with properties tailored to meet our customers' production needs. Our team of technical experts is available to provide consultations and assist in customizing a masterbatch that imparts a consistent and durable green color to your products. Here are some of the outstanding features of Vivan's green masterbatch:



PINK MASTERBATCH



Specifications

- **Color:** Pink
- **Processing temperature:** 140 - 200°C
- **Package:** 25kg PP/PE bag/ Paper Kraft
- **Storage:** Kept in dry conditions
- **Recommended usage rate:** 1 - 5%.

Features

- **Develop end-products in a vibrant PINK color.**
- **Achieve excellent dispersion properties.**
- **Ensure high resistance to heat and color fading.**
- **Prioritize eco-friendliness.**
- **Offer a range of color options to meet customer preferences.**

Vivan Pink masterbatch is a blend of pink pigments, resin, and additives designed to give plastics a vibrant pink color. It enhances both the appearance and performance of plastic products, offering UV protection, heat resistance, and excellent dispersion.

Widely used in processes like thermoforming, injection molding, and blown film production, pink masterbatch provides a cost-effective solution for achieving durable, consistent color.

At Vivan, we offer pink masterbatch in various shades, customized to meet customer needs. Our technical team is available to help you develop high-quality products with a vivid pink hue.



StarPoly PINK Masterbatch contains red pigments, resin, and additives, create a vibrant pink hue to PE/PP/PS products like:
Blow Film, Blow molding, Extrusion.



ORANGE MASTERBATCH



Specifications

- **Color:** Orange
- **Processing temperature:** 140 - 200°C
- **Package:** 25kg PP/PE bag/ Paper Kraft
- **Recommended usage rate:** 1 - 5%.

Features

- **Vibrant ORANGE color**
- **Excellent dispersion and heat resistance**
- **Eco-friendly options available**

Vivan Orange masterbatch is a blend of orange pigments, resin, and additives, designed to give plastics a vibrant orange color. It enhances the appearance and performance of plastic products, offering UV protection, heat resistance, and excellent dispersion.

Widely used in processes like thermoforming, injection molding, and blown film production, orange masterbatch provides a cost-effective solution for achieving durable, consistent color.

At Vivan, we offer orange masterbatch in various shades, customized to meet customer needs. Our technical team is available to help you develop high-quality products with a vivid orange hue.



StarPoly ORANGE Masterbatch contains red pigments, resin, and additives, create a vibrant **ORANGE** hue to PE/PP/PS products like: Blow Film, Blow molding, Extrusion.

SHINY ORANGE MASTERBATCH



BIODEGRADABLE OXO MASTERBATCH



Vivan Grade: STARBIODE-1

In production of plastic extrusion (Blow Film, Woven, Non Woven,...), Vivan's Bio-Degradable Masterbatch causes the degradation of plastic materials when exposed to environmental conditions such as heat, sunlight, and oxygen. The rest of the fragments can then be further degraded by microorganisms in the environment, leading to the eventual biodegradation of the plastic.

All ingredients are complied with FDA and EU ROHS Directive. STARBIODE-1 is suitable for use in all food contact applications, is non-toxic and free from heavy metals.

- Save production cost for bioplastic end-products
- Improve several properties of end-products: stiffness, gloss,...
- Biodegradable
- Act as anti-block and slipping agent in blown film

ITEMS	UNIT	STANDARD VALUE
PE & Bio Additives	%wt	100
MFI (190/2.16)	g/10mins	5
Moisture	%wt	< 0.02

APPLICATIONS

Bio Blowing film, Bio Blow Mold, Bio Injection Molding
0.5 – 1.5 % for Films and Sheets : 2% – 4% for Injection Molding



BIO COMPOSTABLE COMPOUND – BIO POLYMER



Vivan Grade: STARBIOCOM-1

STARBIO (shortened biodegradable plastic) compounds are made from fossil fuels aliphatic-aromatic co-polyester (PBAT), Starch and other Additives. **STARBIOCOM-1** is suitable for use in all food contact applications, is non-toxic and free from heavy metals.

- Processes well when dried to below 0.1% moisture
- Does not release harmful gases
- Requires in-line drying to prevent processing issues
- Printable without pre-treatment
- Weldable
- Complies with compostable polymer standards (DIN EN 13492 and ASTM D6400)
- Can be stored in a dry silo.

APPLICATIONS: 100% dosing ratio in Plastic Bags/Thermoforming..

ITEMS	UNIT	STANDARD VALUE
PBAT + Additives	%wt	70
Starch Content	%wt	30
Starch Powder Size	%wt	2-4mic
MFI (230/2.16)	g/10mins	10
Moisture	%wt	<0.10



FLAME RETARDANT MASTERBATCH

VIVAN GRADE: SFR-07

At Vivan, our SFR-07 Flame Retardant Additives are designed to enhance safety in a wide range of plastic applications. By reducing ignition risk, smoke production, and burn rate, SFR-07 is an essential component in creating flame-resistant materials. This makes it ideal for industries where safety is paramount, including transportation, construction, houseware, and electronics, helping to protect both people and property from fire hazards.



Key Benefits of SFR-07:

- **Fire Protection:** SFR-07 limits the spread of flames by forming a protective barrier on the plastic surface, contributing to a safer environment.
- **High Compatibility:** It disperses evenly with standard resins, ensuring consistent performance without compromising material integrity.
- **Durability in Processing:** Engineered to prevent mechanical degradation, SFR-07 maintains the strength and longevity of end products.
- **Cost-Effective Solution:** Offering a competitive price point without compromising on safety and quality.
- **Corrosion-Free Processing:** Specially formulated to protect processing equipment from corrosion, reducing maintenance needs.

Our SFR-07 grade meets the **UL 94 standards (V0, V1, and V2)**, assuring quality, reliability, and safety in every application. With high impact resistance, thermal stability, and scratch resistance, SFR-07 is a robust choice for flame retardant solutions.

Compatibility: It can be used with all types polyolefins PP, LDPE, LLDPE and others copolymers

Dosage Ratio: 5-18%, depend on customer desired output

ITEMS	UNIT	STANDARD VALUE
Flame retardant content	%wt	78
Heat Stability	oC	<230
Density	g/cm3	1.86 ± 0.2
Melt Temperature	oC	140
Moisture	%wt	<0.15



DESICCANT MASTERBATCH



Vivan Grade: SDES-D70

Vivan desiccant masterbatches incorporate Calcium Oxide (CaO), a strong moisture-absorbing. In polymer extrusion manufacturing, CaO effectively disperses, eliminates moisture, and mitigates issues like fisheye formation. Especially for recycled plastic, it helps remove moisture and cuts out the oxidizing effect that occurs during the recycling of the polymer.

--> It absorbs moisture present in raw materials, thereby preventing common processing flaws like bubbles and fisheyes.

--> It exhibits a high level of compatibility with various materials.

--> It facilitates excellent dispersion.

--> It enhances processing efficiency.

ITEMS	UNIT	STANDARD VALUE
LLDPE & Additives	%wt	30
Calcium Oxide	%wt	70
MFI (190/2.16)	g/10mins	5

APPLICATIONS

Blow film, film casting, blow molding and injection molding. Recommended dosing ratio is from 1% to 3%.



POLYMER PROCESSING AID (PPA) MASTERBATCH



It is an additive for helping in plastic forming by Extrusion process. The PPA acts as a film coating on the surface of the die. to liquefy the plastic Easily flows through dies or molds.

Vivan Grade: SPPA-02

- **Friction Reduction:** Minimizes friction during the processing of products, enhancing efficiency, reduce die build-up, melt fracture.
- **Surface Finish Improvement:** Increases the gloss of finished products (especially in recycled plastic), reduce shark skin, enhancing their appearance, increase the transparency of the bag / film.
- **Productivity Boost:** Improves the flow rate of the polymer, improves overall productivity in manufacturing processes.
- **Energy Savings:** Reduces energy consumption during production.
- **Ink Compatibility:** Suitable for products requiring printing applications.



ITEMS	UNIT	STANDARD VALUE
Processing Aid content	%wt	2.5 ± 0.3
MFI (190 oC/2.16kg)	g/10 mins	30 ± 10
Melt Temperature	oC	120
Density	g/cm3	0,92 ± 0.05
Moisture	%wt	<0.10



SLIP MASTERBATCH

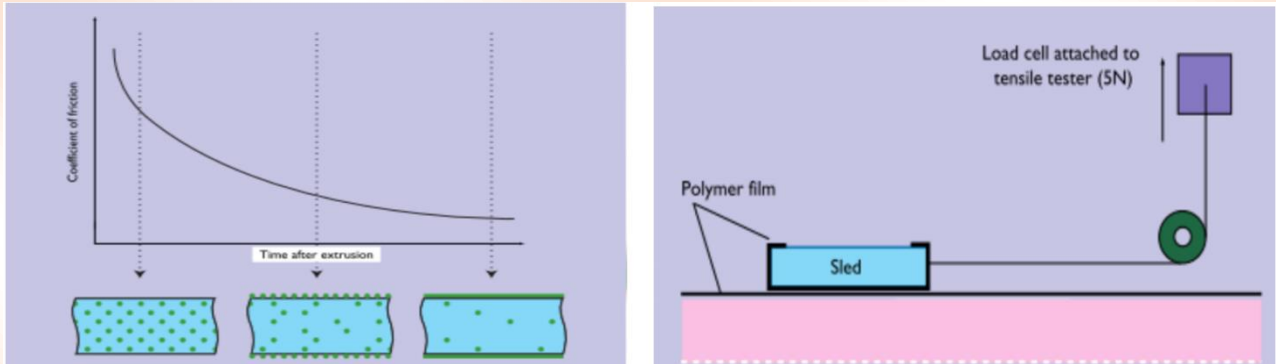
SLIP MASTERBATCH

Vivan Grade: SANSLIP-01

Our SANSLIP-01 slip masterbatch is designed to reduce friction between plastic products and equipment, enhancing both the manufacturing process and the final product's performance. Here's what you can expect with SANSLIP-01:

- **Reduced Friction:** SANSLIP-01 minimizes friction, making it ideal for use in film-blowing and lamination processes.
- **Increased Shine:** This masterbatch adds a smooth, glossy finish to plastic surfaces.
- **Easy Bag Opening:** Perfect for applications like bag manufacturing, making bags easier to open.
- **Film Separation:** Facilitates easy separation of laminated films.
- **Composition:** The masterbatch primarily utilizes erucamide and oleamide as active agents.

Note: SANSLIP-01 is not recommended for products requiring printing, as the slip agent migrates to the surface, potentially affecting print quality.



ITEMS	UNIT	STANDARD VALUE
Slip agent	%wt	10
MFI (190 oC/2.16kg)	g/10 mins	30 ± 10
Density	g/cm3	0,91 ± 0.03
Melt Temperature	oC	120
Moisture	%wt	<0.10



ANTI-BLOCK MASTERBATCH



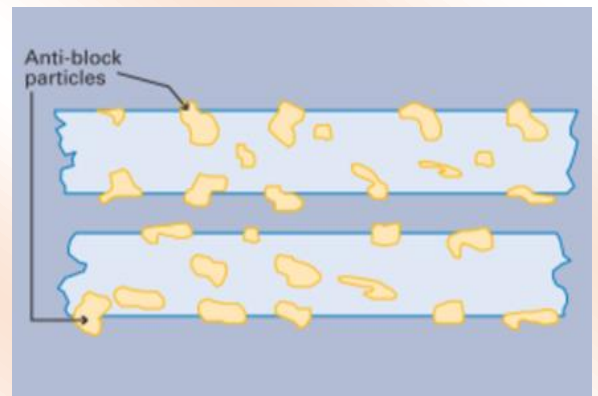
Vivan Grade: SATB-1

- **Prevents Product Adhesion:** Creates fine, micro-scale bumps on the surface, preventing two layers from sticking tightly together.
- **Primary Application:** Ideal for thin LDPE film production, particularly for bag-blowing applications.
- **High-Quality SiO₂:** Uses ultra-fine SiO₂ powder with particle sizes of approximately 4-7 microns for optimal antiblocker performance.

Compatibility: It can be used with all types of polyolefins like PP, LDPE, LLDPE, HDPE, EVA and other copolymers

Application: Film, Woven and Non-Woven.

Dosage Ratio: 1-5 %, depend on customer desired output.



ITEMS	UNIT	STANDARD VALUE
Anti block content	%wt	15
MFI (190 oC/2.16kg)	g/10 mins	20 ± 10
Density	g/cm3	0,93 ± 0.03
Melt Temperature	oC	120
Moisture	%wt	<0.10



ANTISTATIC MASTERBATCH

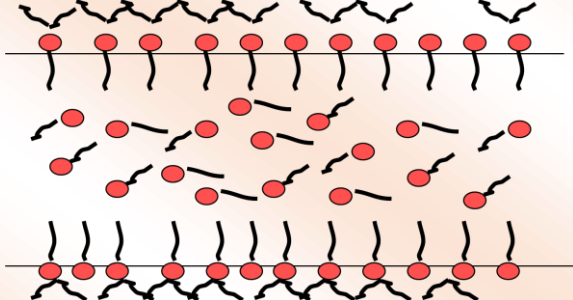


Polymers, due to their insulating properties, tend to accumulate static charges on their surfaces, especially in the case of films and fibers. This can lead to problems such as attracting dust, adhesion of thin films and fiber/spunbond. Vivan Anti-Static Additives is helpful masterbatch to unwanted effects above of static charge build-up.

Polymers, due to their insulating properties, tend to accumulate static charges on their surfaces, especially in the case of films and fibers. This can lead to problems such as attracting dust, adhesion of thin films and fiber/spunbond. Vivan Anti-Static Additives is helpful masterbatch to unwanted effects above of static charge build-up.

Vivan Grade: SPM-AST02

SPM-AST02 is suitable for use in all food contact applications, is non-toxic and free from heavy metals.



ITEMS	UNIT	STANDARD VALUE
Anti Static content	%wt	10 ± 2
MFI (190 oC/2.16kg)	g/10 mins	30 ± 10
Melt Temperature	oC	120
Density	g/cm3	0,92 ± 0.05
Moisture	%wt	<0.10



ANTI OXIDANT MASTERBATCH

ANTI OXIDANT MASTERBATCH

Vivan Grade: SAO-1

Vivan Grade: SAO-1 Antioxidant Additive is specially formulated for enhancing plastic durability in demanding outdoor applications. Often paired with anti-UV additives, this product is ideal for use in high-temperature, high-humidity environments, prevent the product from yellowing in the production process.

Key applications include water tanks, agricultural mulch, greenhouse films, marine aquarium linings, woven fabrics, and exterior components for motorcycles and cars. SAO-1 improves mechanical properties and significantly extends the lifespan of products, ensuring long-term performance in all weather conditions.

ITEMS	UNIT	STANDARD VALUE
Antioxidant content	%wt	15
MFI (190 oC/2.16kg)	g/10 mins	20 ± 3
Density	g/cm3	0.95
Dia Granule	mm	2~3
Moisture	%wt	0.10 max



ANTI UV MASTERBATCH (UV STABILIZERS)



Substances that prevent decomposition of polymers from being destroyed by UV light by absorbing light energy and released back into the environment in the form of heat energy that does not affect the polymers.

- UV Masterbatch (UV Stabilizers): Protects plastic products from aging caused by exposure to UV rays.
- SUV-03Y maintain end-products' mechanical properties and improve end-products' durability
- Its HALS-based active ingredient provides effective light stabilization, even at low concentrations.
- Sealability remains unaffected.
- SUV-03Y is ideal for use in all polyolefin types, especially in thin products like films and tapes.
- Highly recommended for applications needing low volatility and minimal migration.
- Maintains color stability for over 24 months, depending on the quality of the pigment used in the material.



ITEMS	UNIT	STANDARD VALUE
AntiUV content	%wt	15
MFI (190 oC/2.16kg)	g/10 mins	20 ± 3
Density	g/cm ³	0.95
Dia Granule	mm	2~3
Moisture	%wt	0.10 max



OPTICAL BRIGHTENER MASTERBATCH



OPTICAL BRIGHTENER MASTERBATCH

Vivan Grade: SPM-OB03

Vivan Optical brightener Masterbatch is also called fluorescent whitening agents: help to reduce yellowing, improved whiteness, absorbs light in the UV spectrum and emits light in the blue region of visible spectrum to yield a brighter and fresher appearance.

SPM-OB03 is suitable for use in all food contact applications, is non-toxic and free from heavy metals.

ITEMS	UNIT	STANDARD VALUE
Active ingredients content	ppm	50000
MFI (190 oC/2.16kg)	g/10 mins	20 ± 5
Melt Temperature	oC	120
Density	g/cm3	0.97
Moisture	%wt	<0.10



FRAGRANCE MASTERBATCH



Garbage Plastic bags, Trash bags don't have to smell unpleasant. Vivan's Fragrance Masterbatch is specifically engineered to mask odors and deliver a fresh scent, making waste management more comfortable for both household and industrial use. Our fragrance masterbatch is infused with high-quality, long-lasting scents that help reduce the smell of trash and elevate the overall experience for end-users.

Key Features:

- **Odor Neutralization:** Effectively minimizes unpleasant odors, keeping the surrounding environment fresher for longer.
- **Long-Lasting Fragrance:** Our formula ensures a lasting fragrance that remains active throughout the bag's usage.
- **Customizable Scents:** Choose from a variety of scents tailored to meet customer preferences or create a unique fragrance exclusive to your brand.
- **Eco-Friendly Options:** Designed with sustainable and non-toxic ingredients, aligning with environmental responsibility and reducing harmful impact.

Technical Information	Details
Product Description	High-performance fragrance masterbatch for garbage bags, formulated to neutralize and mask odors.
Composition	Carrier Resin: Polyethylene (PE) or as specified Fragrance Loading: 5-10%



Physical Properties	<ul style="list-style-type: none"> - Appearance: Granular, available in custom colors - Melt Flow Index (MFI): 5-20 g/10 min (190°C/2.16 kg) - Density: 0.92-0.95 g/cm³ - Fragrance Longevity: Up to 4-6 weeks after opening.
Application Parameters	<ul style="list-style-type: none"> - Dosage: 1-5%, based on desired fragrance intensity - Processing Temperature: 180°C – 220°C - Compatibility: Suitable for LDPE, LLDPE, and HDPE resins.
Performance Characteristics	<ul style="list-style-type: none"> - Odor Masking: Effective in reducing unpleasant smells - Fragrance Stability: Withstands standard processing temperatures without fragrance degradation - Customizable Options: Multiple scents available or customized as needed.
Packaging and Storage	<ul style="list-style-type: none"> - Packaging: 25 kg moisture-resistant bags - Storage Conditions: Cool, dry area, away from sunlight - Shelf Life: 12 months under recommended conditions.
Safety and Compliance	<ul style="list-style-type: none"> - Regulations: Complies with REACH, RoHS, and FDA (non-food contact) - Safety: Non-toxic and safe for standard processing.
Environmental Considerations	<ul style="list-style-type: none"> - Biodegradable Options: Available upon request - Recyclability: Compatible with recyclable PE films

