

SINCE 1968



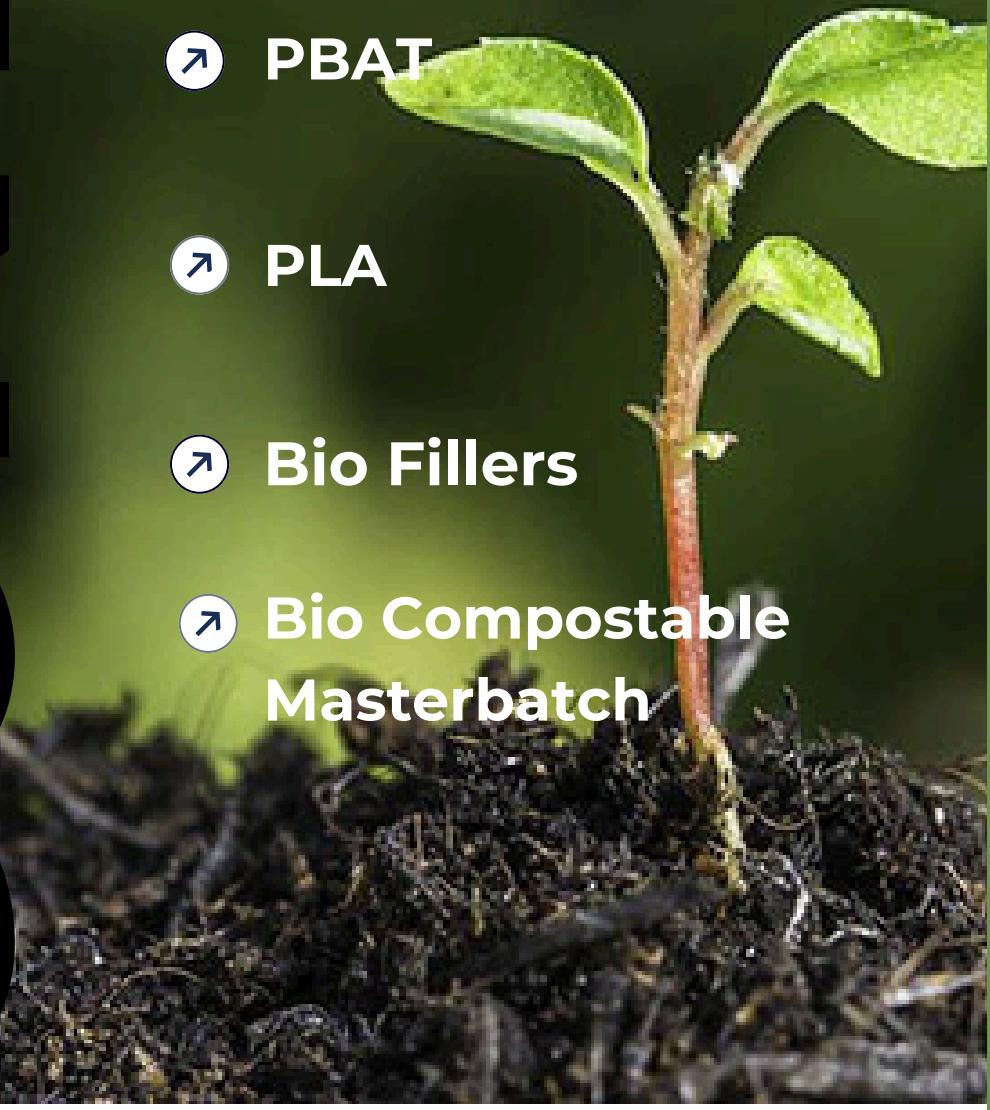
PBAT

Bio Compostable
Masterbatch

PLA

Bio Fillers

SHUBH LABH
INTERNATIONAL

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- ↗ **About the Company**
 - ↗ **Bio Compostable Polymers**
 - ↗ **Products**
 - ↗ **PBAT**
 - ↗ **PLA**
 - ↗ **Bio Fillers**
 - ↗ **Bio Compostable Masterbatch**

ABOUT US

Welcome to Shubh Labh International, a leader in the polymer industry with a legacy of innovation and excellence.



Industry Expertise

Shubh Labh has been at the forefront of delivering high-quality masterbatches, modifiers, and color solutions for over 30 industries and 150 application types

Rich Legacy

Founded by Mr. Neeraj Singhal, Managing Director of Shubh Labh International in 1986, our commitment to quality and innovation has propelled us to a prominent position in the global market.

Global Presence

We operate in key markets including the USA, EU, UAE, Sri Lanka, South Africa, Canada, Nepal, and more, ensuring accessibility and reliability for our clients worldwide.

State-of-the-Art R&D Center and Lab

We develop and sell certified products developed in our State-of-the-Art Lab

Customisation Technology

We offer unparalleled customisation options, allowing clients to tailor products to their exact specifications with over 4000+ color options
10+ specialty effects.

Unparalleled Product Knowledge

With over 40 years of industry expertise, Shubh Labh International brings unparalleled knowledge and proficiency to every project.

COMPANY FACTS

Tailor products to exact industry specifications

40

Years of
Industry
Expertise

4

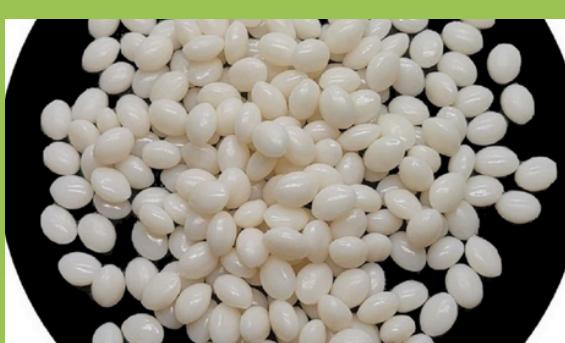
Research
Facilities & Labs

4000

Colors Shades
Both PANTONE
and RAL

PRODUCTS

Our Bio Division Include The Following Products



PBAT

Polybutylene Adipate Terephthalate (PBAT) is a biodegradable and compostable thermoplastic polyester derived from adipic acid, terephthalic acid, and 1,4-butanediol.



PLA

PLA is made from corn, potato and other starch-based biomass or straw cellulose as raw materials, fermented to produce lactic acid, and further purified and polymerized to prepare high-purity PLA



BIO FILLERS

Bio Fillers are a unique product capable of converting petrochemical-based plastics into soil-like dust and, most importantly, while not affecting the quality of the soil and thus the habitat depending on it.



Bio Compostable Masterbatch

Including two categories , Bio Compostable Color Masterbatch and Bio Compostable Specisl-Effects Masterbatch



PLA

PLA is made from corn, potato and other starch-based biomass or straw cellulose as raw materials, fermented to produce lactic acid, and further purified and polymerized to prepare high-purity PLA, which is environmentally friendly, non-toxic, antibacterial, flame retardant and good biocompatibility.

It can be completely biodegradable under normal composting conditions.

PLA



SHUBH LABH
INTERNATIONAL

PLA

Features & Applications

Features

- Renewable Sourcing
- Biodegradability
- Lightweight
- Non-Toxic
- Low Cost
- High Aspect Ratio
- Thermal Stability
- Customizability
- Compatibility
- Enhanced Aesthetics

Applications

- Food Packaging
- Disposable Tableware
- Films and Wraps
- Disposable Cutlery
- Coffee Cups
- Biodegradable Bags
- Textiles
- 3D Printing Filament
- Medical Devices
- Horticulture



PLA Product Grades

S No.	Product Code	Product Description
1	PLA 101	Ideal for thermoforming & film
2	PLA 103	Perfect for 3D printing & laminating
3	PLA 109	Designed for tableware & toys
4	PLA 107	Great for thermoforming & sheet

Plastic Alternatives



Food Wrapping



Disposable cups



Vaccum Packings



Tea Cups



Cutlery



Carry Bags



Sertch Films



Dog Poop Bags



Courier Bags



www.diraghagrotech.com

Mulching Films



Garment Bgas



Disposable Bgas



PBAT

PBAT is widely recognised for its environmental friendliness and versatility in various applications.

PBAT is a semi-crystalline polymer, usually the crystallization temperature is around 110°C, the melting point is around 130°C, and the density is between 1.18g/ml~1.3g/ml. The crystallinity of PBAT is about 30%, and the Shore hardness is above 85.

The processing performance of PBAT is very similar to that of LDPE, and the film can be blown with LDPE processing equipment.

BD = Bio-Degradable

Features

- Biodegradability
- Compostability
- Flexibility
- Toughness
- UV Stability
- Processability
- Chemical Resistance
- Low Toxicity



Applications

- BD Packaging Films
- Disposable Gloves
- BD Fishing Nets
- BD Bubble Wrap
- BD Agricultural Twine
- BD Disposable Aprons
- BD Strapping Bands
- BD Plant Nursery Pots
- BD Dog Waste Bags
- BD Non-woven Fabrics





BIO FILLERS

Bio Fillers represent a significant advancement in the field of polymer science, aiming to mitigate the environmental impact of traditional plastics by incorporating biodegradable components.

These fillers can be derived from various renewable sources such as plant fibers, starches, or agricultural waste.

By blending these natural materials with synthetic polymers, Bio Fillers offer a sustainable alternative to conventional plastics without compromising performance or functionality.

BD = Bio-Degradable

Features

- Biodegradability
- Compostability
- Flexibility
- Toughness
- UV Stability
- Processability
- Chemical Resistance
- Low Toxicity



Applications

- Carry bags
- Biocompostable cutlery
- Coffee cup lids
- Beverage containers
- Sheeting applications (Sheets)
- Cotton swabs
- Produce bags
- Drinking straws
- Coffee cup lids
- Garbage bags
- Garment cover
- Shrink film



Bio Fillers

S NO.	PRODUCT CODE	COMPATIBLE	CARRIER
1	SLI KFR 100	All bio based materials (PLA, PBAT etc)	PBAT
2	SLI KFR 600	All bio based materials (PLA, PBAT etc)	PBAT
3	SLI TL 900	All bio based materials (PLA, PBAT etc)	PBAT
4	SLI SD 920	All bio based materials (PLA, PBAT etc)	PBAT
5	SLI GR 9100	All bio based materials (PLA, PBAT etc)	PBAT

OTHER PRODUCTS IN BIOCOMPOSTABLE DIV

- **Transparent Fillers**
- **TPT Fillers**
- **Desiccant Masterbatch**
- **Anti Slip Masterbatch**
- **Bio Additive Masterbatch**
- **Clarifying Agent**



Bio Fillers

S NO.	PRODUCT CODE	COMPATIBLE	TYPE
1	SLI KFR 100	All bio based materials (PLA, PBAT etc)	Bio
2	SLI KFR 600		Bio
3	SLI TL 900		Transparent
4	SLI SD 920		Transparent
5	SLI GR 9100		

OTHER PRODUCTS IN BIOCOMPOSTABLE DIV

- **Transparent Fillers**
- **TPT Fillers**
- **Desiccant Masterbatch**
- **Anti Slip Masterbatch**
- **Bio Additive Masterbatch**
- **Clarifying Agent**

FOR OVER 150 APPLICATION TYPE



BIO COMPOSTABLE MASTERBATCH

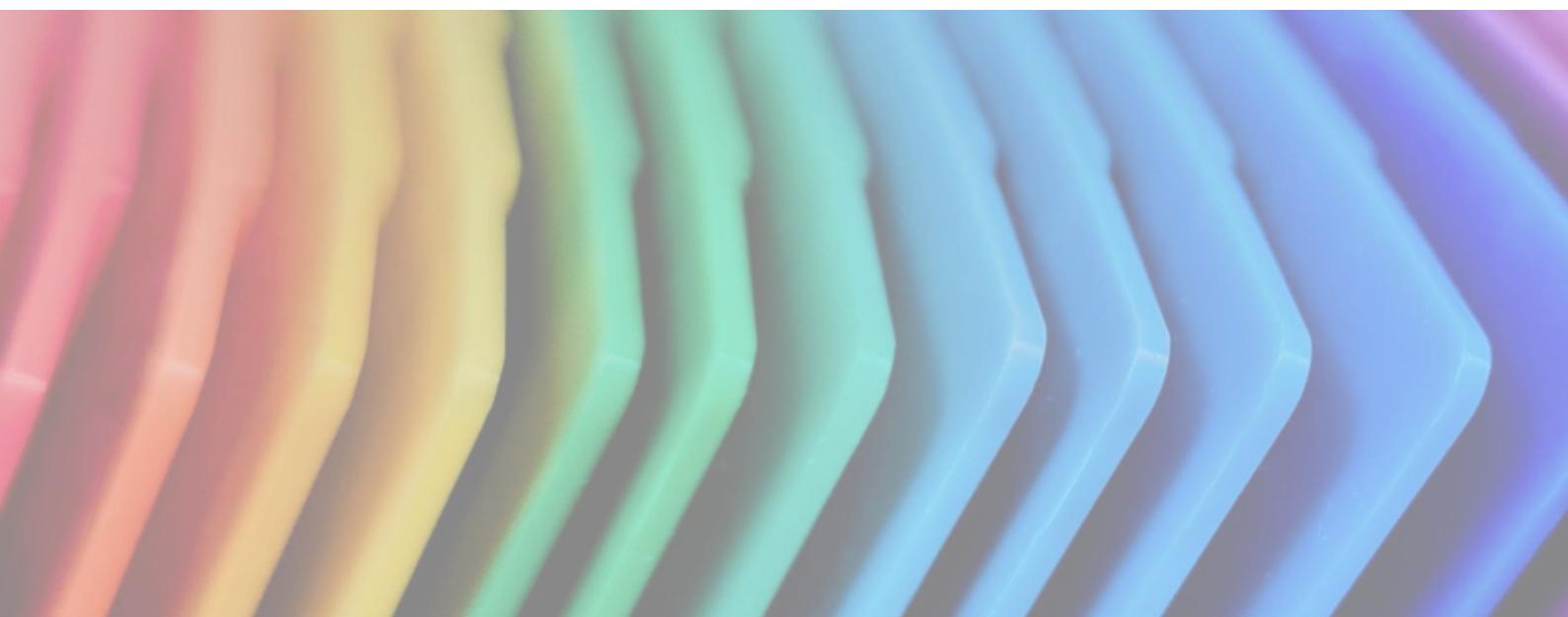
01

**Bio Compostable Color
Masterbatch**

02

**Bio Compostable Special Effect
Masterbatch**

+91-9625704010, +91-8700583185



BIO COMPOSTABLE COLOR MASTERBATCH

Bio Compostable Color Masterbatch is 100% biocompostable and compatibility with composting processes.

These products have the bright color and high density properties, the impeccable dispersion and the color-size stability. Over the past 10 years, it has been widely praised by the customers because of its excellent dispersion and stability.

Features

- Biodegradability
- Color Stability
- Uniform Dispersion
- Compostability Certification
- Versatility
- Customizability
- High Heat Stability
- Low Toxicity
- Reduced Carbon Footprint
- Compatibility with Recycling

Applications

- BD Pet Waste Bags
- BD Party Supplies
- BD Cosmetic Packaging
- BD Seed Tape
- BD School Supplies
- Carry bags
- Biocompostable cutlery
- Coffee cup lids
- Beverage containers
- Sheeting applications (Sheets)
- Cotton swabs
- Tea cups coffee cups
- Bottles
- BD Party Tableware
- BD Fishing Lures
- BD Plant Markers
- BD Craft Supplies
- BD Food Wrap
- Produce bags
- Drinking straws
- Coffee cup lids
- Garbage bags
- Garment cover
- Shrink film
- Milk pouch
- Dog poop bags



BIO COMPOSTABLE COLOR MASTERBATCH

BIO COMPOSTABLE SPECIAL EFFECTS MASTERBATCH

Bio Compostable Special-Effects Masterbatch is formulated using biodegradable materials, ensuring compatibility with composting processes.

These products have high density properties, the impeccable dispersion and stability. Over the past 10 years, it has been widely praised by the customers because of its excellent dispersion and stability.

Features

- Biodegradability
- Color Stability
- Uniform Dispersion
- Compostability Certification
- Versatility
- Customizability
- High Heat Stability
- Low Toxicity
- Reduced Carbon Footprint
- Compatibility with Recycling

Applications

- BD Pet Waste Bags
- BD Party Supplies
- BD Cosmetic Packaging
- BD Seed Tape
- BD School Supplies
- Carry bags
- Biocompostable cutlery
- Coffee cup lids
- Beverage containers
- Sheeting applications (Sheets)
- Cotton swabs
- Tea cups coffee cups
- Bottles
- BD Party Tableware
- BD Fishing Lures
- BD Plant Markers
- BD Craft Supplies
- BD Food Wrap
- Produce bags
- Drinking straws
- Coffee cup lids
- Garbage bags
- Garment cover
- Shrink film
- Milk pouch
- Dog poop bags

CARRY BAGS

FOOD PAC

Dog Poop bags GARMENT COVERS COURIER BAGS

STRETCH

BOTTLE

MILK POUCH

Warning Ta

GARBAGE BAG

MULCH FILM

CLING FIL

Laundry Bags

PLASTIC FILM

Cotton Swab

RAGS

COVERS

FOOD
STRETCH

BOTTLE

MILK POUCH

Laundry

PLASTIC FILM

ENT



PRODUCT GRADES

PRODUCT CODE	PRODUCT	APPLICATIONS
SLI 99000 - 99200	Red Bio Compostable	<ul style="list-style-type: none"> • Compostable Packaging: Compostable films, bags, and containers
SLI 98000 - 98200	Blue Bio Compostable	<ul style="list-style-type: none"> • Eco-Friendly Product Labels
SLI 95000 - 95399	Green Bio Compostable	<ul style="list-style-type: none"> • Textiles: Durable clothing, such as jackets and tights.
SLI 97000 - 97299	Yellow Bio Compostable	<ul style="list-style-type: none"> • Carry bags
SLI 97800 - 97899	Violet Bio Compostable	<ul style="list-style-type: none"> • Biocompostable cutlery
SLI 99600 - 99799	Pink Bio Compostable	<ul style="list-style-type: none"> • Coffee cup lids
SLI 92100 - 92199	Beige Bio Compostable	<ul style="list-style-type: none"> • Beverage containers
SLI 97500 - 97599	Maroon Bio Compostable	<ul style="list-style-type: none"> • Sheeting applications (Sheets)
SLI 92600 - 92699	Ivory Bio Compostable	<ul style="list-style-type: none"> • Cotton swabs
SLI 92400 - 92499	Orange Bio Compostable	<ul style="list-style-type: none"> • Drinking straws
SLI 91500 - 91599	Grey Bio Compostable	<ul style="list-style-type: none"> • Coffee cup lids
SLI 98400 - 98499	Silver Bio Compostable	<ul style="list-style-type: none"> • Garbage bags
		<ul style="list-style-type: none"> • Garment cover
		<ul style="list-style-type: none"> • Shrink film
		<ul style="list-style-type: none"> • Milk Pouch
		<ul style="list-style-type: none"> • Cling Film and Stretch Film
		<ul style="list-style-type: none"> • Warning Tape
		<ul style="list-style-type: none"> • Vacuum Pouch and Food Packaging
		<ul style="list-style-type: none"> • Dog Poop Bags
		<ul style="list-style-type: none"> • Courier Bags
		<ul style="list-style-type: none"> • Laundry Bags
		<ul style="list-style-type: none"> • Mulch Film



CONTACT US



PRIMARY LOCATIONS

F-1821, DSIDC, Narela, New Delhi, Delhi - 110064

B-2420, DSIDC, Narela, New Delhi, Delhi - 110064

I-111, Kirti Nagar, Singhal Plastics, New Delhi, Delhi - 110015

F-56, Naya Gaon, Industrial Area, RICO, Pali, Rajasthan - 306501



+91-9625701040
+91-9310136358



+91-8700583185
+91-9625704010



md.shubhlabh@gmail.com



www.shubhlabhinternational.com