



INTERNATIONAL

— Masterbatch Division

Commodity polymers for Global Industries



OUR PRODUCT RANGE



WHITE



BLACK



COLOUR



ADDITIVE



FILLER



RECYCLE RESIN



BIODEGRADABLE
PBAT MB

● THE COMPANY

A polymer house, built for the world.

Established in 2018, LHP International is a manufacturer and exporter of high-quality custom masterbatches and polymer solutions — serving customers across more than **twenty** countries.

Manufacturing facilities in India, Malaysia and Vietnam deliver consistent quality and reliable global supply, with a partner network in China (Qingdao & Shanghai) and commercial operations from the United Kingdom.

We specialise in high-performance masterbatch — White, Black, Colour, Additive, Desiccant, Biodegradable, Transparent Filler and Recycled Polymer — and partner with **Moltech Malaysia** on recycled polymer for a circular economy.

● GLOBAL PRESENCE



Delivering high-quality masterbatch solutions to customers around the world through a strong global network.



● WHY LHP

Built around the customer.

We treat masterbatch as a partnership, not a commodity. Every formulation is engineered for your line, your polymer, your product — and stays accountable, batch after batch.



01
Custom-engineered, every time

R&D led development from your sample to commercial supply — formulations tuned to your machine, application and target cost.



02
Quality you can verify

ISO 9001 manufacturing with batch-level QC, full TDS & MSDS on every product, and consistent specifications from first sample to bulk supply.



03
Capacity that scales with you

10,000 MT/month combined across three plants, with same-week response on samples and trial runs.



04
Sustainable by design

Recycled polymer supply with Moltech Malaysia, certified compostable PBAT solutions, and RoHS & REACH alignment across the catalogue.



05
Global, in lockstep

Manufacturing in India, Malaysia and Vietnam with a UK commercial desk and Chinese partner network — short lead times, dependable supply, wherever you make plastic.



06
Real technical support

Continuous engineering partnership post-supply — troubleshooting, line optimisation and new-product development alongside your team.

10,000 MT
TOTAL MONTHLY CAPACITY

20+
COUNTRIES SERVED

10+
PRODUCT FAMILIES

3
MANUFACTURING NATIONS

USD 20M+
ANNUAL TURNOVER

BBB+
CRISIL RATING

Whiteness, Blackness, on spec.

Our pigment masterbatch range is built on premium-grade raw materials, precisely dispersed for superior performance across applications. Consistent quality. Reliable supply. Every batch.



01 PRODUCT WHITE MASTERBATCH



Manufactured with premium rutile TiO₂ for exceptional whiteness, opacity, dispersion and surface finish. Available across 20% to 75% TiO₂ loadings, with UV stabilisers, food-grade and RoHS-compliant variants.

	TiO₂ LOADING	20% – 75%
	CARRIER	PE • PP
	PLANTS	INDIA • VIETNAM
	PACKAGING	25 KG BOPP BAG

APPLICATIONS



Foam & Packaging



Plastic Furniture



Pipes



Woven Sacks & FIBC



Films



Cosmetic & Personal Care
Food Packaging

02 PRODUCT BLACK MASTERBATCH



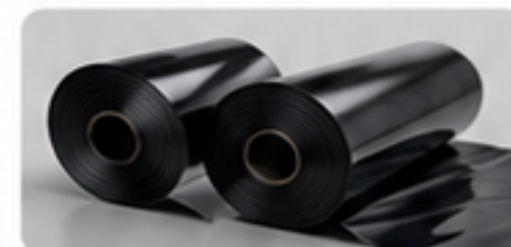
Pigment-grade carbon black engineered for ultra-deep jetness and superior dispersion to 15 microns. Loadings from 15% to 50%, with PE and PP carriers, antioxidants and UV stabilisers.

	CARBON BLACK LOADING	15% – 50%
	DISPERSION	≤ 15 µm
	CARRIER	PE • PP
	PACKAGING	25 KG BOPP BAG

APPLICATIONS



Pipes & Fittings



Films & Sheets



Automotive



Crates & Packaging



Agriculture



Injection & Roto Moulding



PREMIUM RAW MATERIALS



CONSISTENT QUALITY



CUSTOMISED SOLUTIONS



RELIABLE GLOBAL SUPPLY

Colour, matched to your spec.



Built around high-quality pigments, specialty additives and advanced processing. We work to RAL and PANTONE systems, plus pearl, metallic, sparkle and fluorescent effects — with on-site colour matching and spectrophotometer-grade verification.



MATCH

Spectrophotometer-verified up to 97% colour accuracy, $\Delta E < 1.0$.



RANGE

Standard shades, full custom + special effects (pearl, metallic, sparkle, fluorescent).



DOSING











Low let-down ratios 2–5% — better cost per kg of finished product.



STANDARDS

ISO 9001 manufacturing, ISO 18451-1:2019 raw-material compliance.

APPLICATIONS

-  Household Products
-  Blow Moulding
-  Pipes & Fittings
-  Woven Sacks & FIBC
-  Films & Sheets
-  Automotive
-  Furniture
-  Roto Moulding
-  Agriculture
-  Cosmetic Packaging



COLOUR SYSTEMS



CAPACITY
1,000 MT / MONTH

From our India manufacturing unit.



CONSISTENT COLOUR. CONSISTENT QUALITY.
Batch after batch. Shipment after shipment.

PRODUCT 04

DESICCANT MASTERBATCH


A high-performance functional additive designed to absorb moisture during storage, transport, and plastic processing. It prevents moisture-related defects and ensures smooth processing and consistent product quality.



TECHNICAL SPECIFICATIONS

	CARRIER	Compatible with various polymers
	ACTIVE COMPONENT	Desiccant blend
	LOADINGS AVAILABLE	5% • 10% • 15% • 20%
	PLANT	INDIA Capacity: 1000 MT per month

PACKAGING



25 KG
Vacuum-packed 5 KG LDPE bags
5 bags per carton












PRODUCT 05

ADDITIVES MASTERBATCH



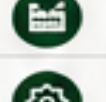

Engineered to enhance performance, protection, and processing efficiency of plastic products. Our additive solutions provide valuable functional properties such as UV protection, anti-static performance, anti-microbial resistance, slip enhancement, and odor control.




OUR RANGE OF ADDITIVES MASTERBATCH

					
PPA MB	OB1 MB (Optical Brightener)	UV MB	Antiblock MB	Slip MB	Antistatic MB
					
Fragrance MB	Anti-Odour MB	Anti-Rodent MB	Anti-Microbial MB	Anti-Fog MB	

TECHNICAL SPECIFICATIONS

	CARRIER	PE • PP • EVA
	LOADINGS AVAILABLE	As per requirement
	PLANT	INDIA Capacity: 1000 MT per month
	DOSAGE RECOMMENDATION	0.5% – 3% (by weight of final product)

PACKAGING



25 KG
Packed in durable BOPP bags
Moisture-protected packaging
Easy handling and storage

Clarity. Strength. Cost-efficiency.

Our transparent filler masterbatches enhance stiffness, optical performance and dimensional stability while optimising cost.



HIGH TRANSPARENCY

Excellent clarity and gloss for premium finish.



IMPROVED STIFFNESS

Enhances rigidity and dimensional stability.



COST OPTIMISATION

Reduces raw material cost without compromising quality.



EASY PROCESSING

Excellent dispersion and smooth processability.

PRODUCT 06

SODIUM FILLER MASTERBATCH

Sodium-based transparent filler masterbatch offers high clarity and gloss with good stiffness and excellent processability. Ideal for applications requiring optical performance at optimised cost.

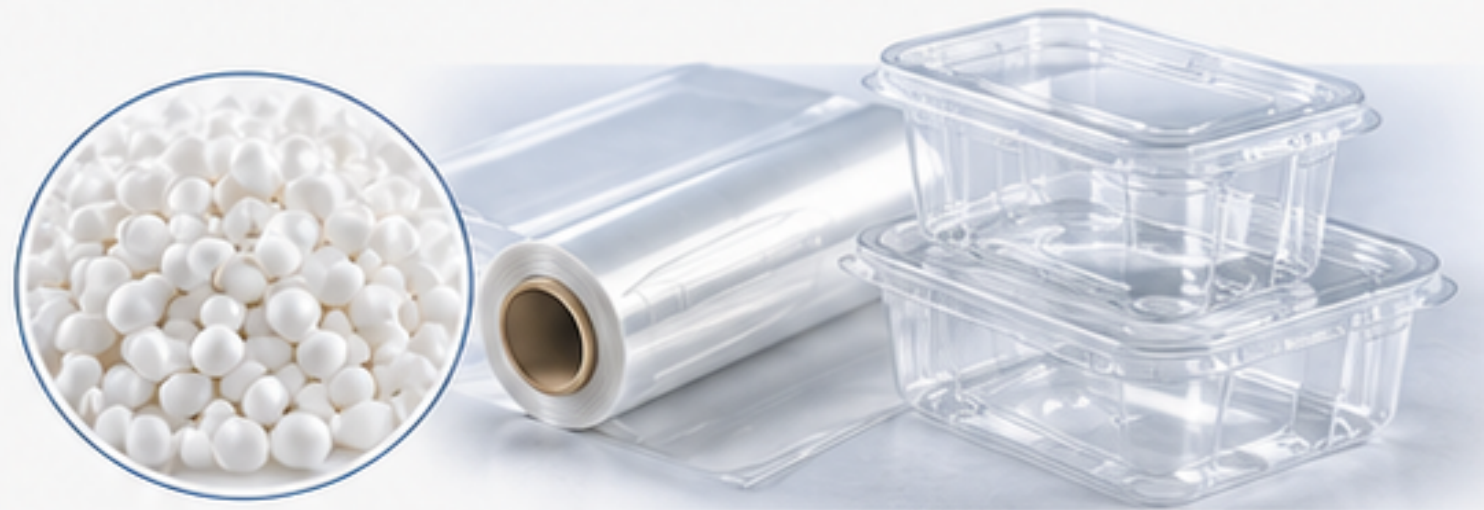


	FILLER TYPE	Sodium Based
	FILLER LOADING	20% – 70%
	RECOMMENDED ADDITION	5% – 50% in final product
	PACKAGING	25 KG BOPP BAG
	PLANT	INDIA

PRODUCT 07

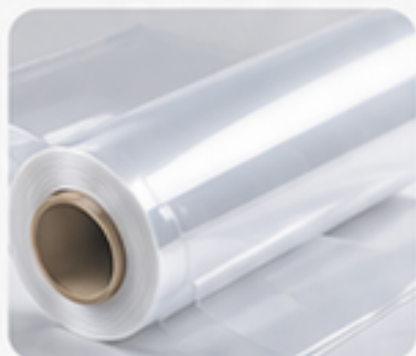
TALC FILLER MASTERBATCH

Talc-based transparent filler masterbatch delivers superior stiffness, heat resistance and clarity. Ideal for high-performance transparent and semi-transparent products.



	FILLER TYPE	Talc Based
	FILLER LOADING	20% – 70%
	RECOMMENDED ADDITION	5% – 50% in final product
	PACKAGING	25 KG BOPP BAG
	PLANT	INDIA

APPLICATIONS



Films



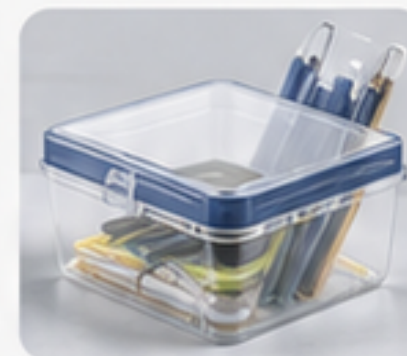
Food Packaging



Disposable Products



Cosmetic Packaging



Stationery



Household Items



OPTICAL CLARITY

High light transmission for transparent applications.



ENHANCED PROPERTIES

Improves stiffness, heat deflection and dimensional stability.



PROCESS FRIENDLY

Excellent dispersion and smooth process performance.



COST EFFECTIVE

Reduces material cost while maintaining product quality.

Calcium Filler Masterbatch

Enhance performance.
Improve efficiency.
Deliver greater value.

Our Calcium Filler Masterbatch is a high-loading solution designed to improve stiffness, dimensional stability and cost-efficiency in a wide range of polymer applications.



KEY TECHNICAL SPECIFICATIONS



FILLER LOADING
75% – 87%

High filler content for improved performance and cost-efficiency.



PARTICLE SIZE
12 – 23 Micron

Optimized particle size range for balanced performance and processability.



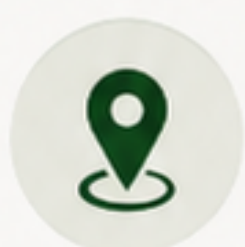
DISPERSION
Excellent

Excellent dispersion for consistent quality and surface finish.



PRODUCTION CAPACITY
2500 MT

Robust capacity to support large-scale and continuous supply.



MANUFACTURING LOCATIONS
India & Vietnam

Strategically located for reliable supply and global reach.



CONSISTENT QUALITY

Engineered for consistent quality, high filler loading and reliable performance.

DESIGNED FOR PERFORMANCE



Cost Efficiency

Reduces overall material cost without compromising on quality.



Enhanced Properties

Improves stiffness, hardness and dimensional stability.



Better Processability

Ensures smooth processing and consistent output.



Versatile Applications

Suitable for a wide range of polymers and end-use applications.



Engineered to deliver consistent quality, high filler loading and reliable performance across diverse polymer processing and end-use applications.



Polymers for a Sustainable Tomorrow.

Two complementary routes to lower-impact manufacturing — high-quality recycled polymer and certified compostable biodegradable masterbatch — backed by GRS-aligned processes and EN 13432 compliance.



● PRODUCT 09

Recycled Polymer Resin

Manufactured from post-consumer and post-industrial plastic waste through advanced sorting, cleaning and reprocessing. In partnership with **Motech Malaysia**, supporting the circular economy with reliable industrial-grade output.



PROCESS
GRS-ALIGNED



QUALITY
ISO-ALIGNED



PLANT
MALAYSIA

PACKAGING

25 KG PP BAG



APPLICATIONS



PIPES &
FITTINGS



CRATES &
CONTAINERS



HOUSEHOLD &
UTILITY PRODUCTS



PALLETS &
INDUSTRIAL ITEMS



FURNITURE &
CHAIRS



SHEETS &
FILMS



● PRODUCT 10

PBAT Biodegradable MB

Formulated for compostable plastic systems with controlled biodegradability and uniform dispersion. Certified to **EN 13432**, with heavy-metal compliance per **ASTM D6400** for environmentally safe end-of-life.



CERT.
EN 13432



HEAVY METALS
ASTM D6400



PLANT
INDIA

PACKAGING

25 KG PP BAG



APPLICATIONS



BIODEGRADABLE
FILMS & SHEETS



CARRIER BAGS &
CARRY BAGS



DISPOSABLE CUTLERY
& TABLEWARE



AGRICULTURAL FILMS
& MULCH



PAPER COATING
APPLICATIONS



MOULDED PRODUCTS
& COMPONENTS





From sample to commercial supply.



Twelve disciplined steps from your first conversation with our R&D team to bulk delivery — and beyond, into long-term technical support.

OUR 12-STEP DEVELOPMENT PROCESS

01		Understanding your requirements	Application, machine type, dosage, quantity, price preference.
02		Sample collection (250 g)	A representative polymer sample for development.
03		Courier to our Offices	Customer samples to be couriered to our India facility.
04		Receipt & lab testing	Thorough testing of your sample in our laboratory.
05		Customised formulation	R&D builds a formulation against test results and application needs.
06		Trial Product Production	The developed formulation is tested in the lab and the trial product is prepared for performance evaluation.
07		Free trial sample to the customer (up to 5 kg)	Customers will receive free trial samples up to a maximum of 5 kgs for machine trials, testing, and performance evaluation.
08		Scaled Up Trials	If a customer requires a 25 kgs or 50 kgs sample, charges will be applicable. Air freight cost will be covered by us.
09		Optimisation & fine-tuning	Adjustments based on your trial-run report.
10		Customer approval	Sign-off and commercialisation of the formulation.
11		Bulk supply	Manufactured under strict QC and delivered on time.
12		Continuous technical support	Ongoing process optimisation, troubleshooting and new-product development.

 <p>CUSTOMISED SOLUTIONS Tailored to your application needs.</p>	 <p>CONSISTENT QUALITY Batch-to-batch consistency you can rely on.</p>	 <p>TECHNICAL EXPERTISE Experienced team and advanced infrastructure.</p>	 <p>PARTNER FOCUSED Your success is our priority.</p>
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Our Advanced QC Lab Equipment

Our state-of-the-art QC laboratory is equipped with advanced instruments to ensure consistent performance, reliability and safety across every batch of our masterbatches.

Each equipment plays a vital role in maintaining accuracy, consistency and product excellence.

01 SPECTROPHOTOMETER

02 MFI TESTER

03 FILTER PRESSURE VALUE

04 MUFFLER FURNACE FOR ASH CONTENT

05 SMALL BLOWN FILM MACHINE (TABLE TOP)

06 LAB EXTRUDER (TABLE TOP EXTRUDER)

07 INJECTION MOLDING PLANT

08 MOBILE SPECTROPHOTOMETER

09 CARBON BLACK CONTENT APPARATUS

10 MICROSCOPE FOR DISPERSION CHECKING

11 MOISTURE CONTENT APPARATUS

12 SPECIFIC GRAVITY TEST APPARATUS

01



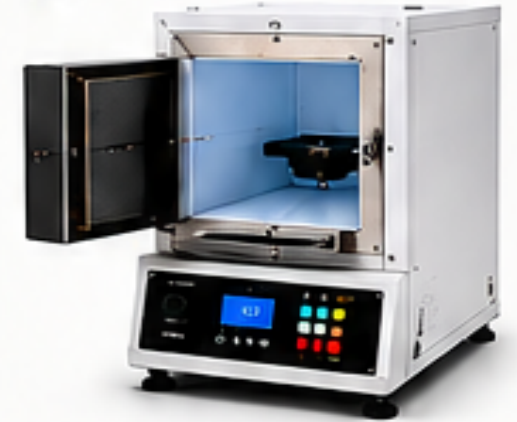
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03



04



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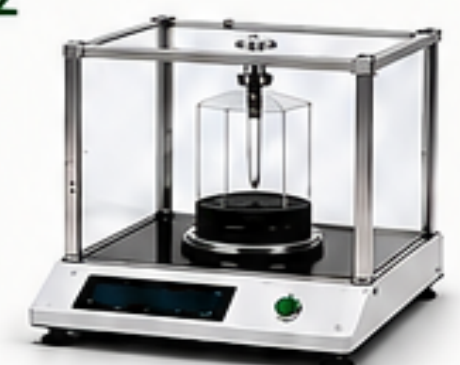
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11



12



Empowering Industries. Enhancing Everyday Life.



Our masterbatch solutions are trusted across diverse industries, driving quality, consistency, and performance in every application.

INDUSTRIES WE SERVE



PACKAGING

High-performance masterbatches for a wide range of packaging applications.

- ✓ Films
- ✓ Lubricant Cans
- ✓ Paint & Coating Cans
- ✓ Blow Molding Containers
- ✓ Household Packaging
- ✓ Food & Beverage Packaging
- ✓ Rafia Bags
- ✓ FIBC Bags (Jumbo Bags)
- ✓ Tarpaulin
- ✓ Buckets



AGRICULTURE

Reliable masterbatches that support durable and efficient agricultural applications.

- ✓ Mulch Films
- ✓ Drip Irrigation Pipes
- ✓ Greenhouse Films
- ✓ Shade Nets
- ✓ Silage Films
- ✓ Seed Bags
- ✓ Irrigation Fittings



CONSUMER PRODUCTS

Masterbatch solutions for a broad spectrum of everyday consumer products.

- ✓ Hair Shampoo Containers
- ✓ Detergent Bottles
- ✓ Cosmetic Containers
- ✓ Personal Care Products
- ✓ Buckets
- ✓ Food Containers
- ✓ Beverage Bottles
- ✓ Household Products



BUILDING & CONSTRUCTION

High-quality masterbatches for strong, durable and long-lasting construction materials.

- ✓ Pipes & Fittings
- ✓ Conduit Pipes
- ✓ Water Tanks
- ✓ Sheets & Panels
- ✓ WPC Profiles
- ✓ Cables & Wire Coatings
- ✓ Geomembranes





INTERNATIONAL

— *Masterbatch Division* —

Let's Create Brighter Solutions.

We're here to help you find the right masterbatch solutions for your needs.

Get in touch with our team today.

GET IN TOUCH



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