



CORPORATE OFFICE

BAJAJ SUPERPACK INDIA LIMITED

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APPLICATIONS BROCHURE



PRODUCTS APPLICATION MATRIX

MASTERBATCH	PACKAGING	CONSTRUCTION, INFRASTRUCTURE, INDUSTRIAL	AGRICULTURE, HORTICULTURE, PLASTICULTURE	AUTOMOTIVE & TRANSPORT	LIVING SPACES & LIFESTYLE	MEDICAL, HEALTH & HYGIENE	TEXTILES & FIBRES	ELECTRICAL, ELECTRONICS & APPLIANCES
Plast Anti Block	●		●					
Plast Anti Fog	●		●					
Plast Anti Microbial	●	●		●	●	●	●	●
Plast Anti Oxidant	●	●	●	●	●	●	●	●
Plast Anti Rodent	●	●			●			
Plast Anti Slip	●	●		●	●	●		
Plast Anti Scratch	●	●			●			
Plast Anti Split	●	●		●	●	●	●	●
Plast Anti Stat	●	●						
Plast Anti Termite	●	●						
Plast Black	●	●	●	●	●	●	●	●
Plast Black PRM	●	●	●	●	●	●	●	●
Plast Bright	●	●	●					
Plast Clarify	●							
Plast Colour	●	●	●	●	●	●	●	●
Plast Combi-Batch	●	●	●	●	●	●	●	●
Plast Desiccant	●	●	●	●	●	●	●	●
Plast E Conductive	●							
Plast FR	●	●		●	●	●	●	●
Plast Fragrance	●							
Plast Fresh	●							
Plast Lub	●		●		●	●	●	●
Plast Modifier	●	●						
Plast Nucleating	●							
Plast Odour Neutralizer	●	●		●	●	●	●	●
Plast Oxo Bio	●							
Plast PPA	●		●			●	●	●
Plast Slip	●		●					
Plast Stiffener	●							
Plast TPT Colour	●			●	●	●	●	●
Plast Ultra	●	●		●	●	●	●	●
Plast Ultra PRM	●			●	●	●	●	●
Plast UV	●							
Plast VCI	●							



ABOUT BAJAJ SUPERPACK INDIA LIMITED

We are a leading masterbatch manufacturer having begun our operations three decades back in Nagpur, Maharashtra India.

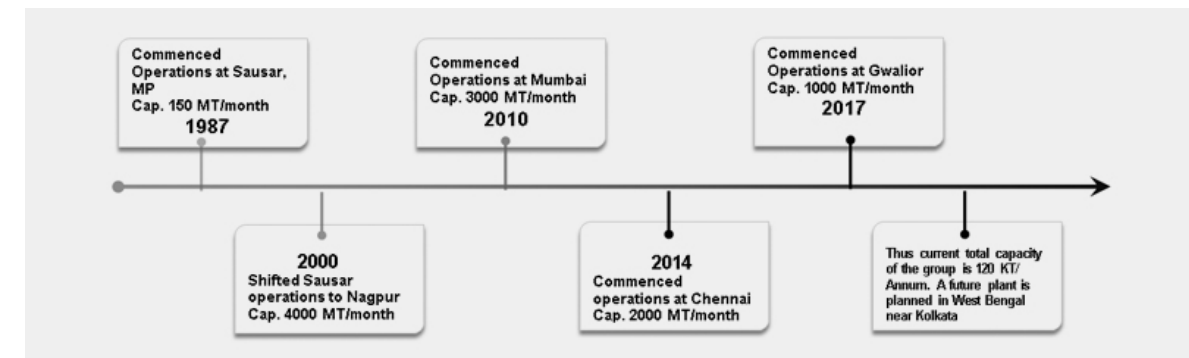
We are an ISO 9001: 2015 certified company from TUV Nord and it is our endeavour to produce products meeting stringent quality standards consistently with an aim of achieving near zero defects and rejects

Consistent quality backed by transparent business practices and long term relationships is our forte.

History & Milestones

We are one of the leaders in masterbatches for specific segments of Industrial packaging and with our four plants in India our current production capacity is 120KT/ annum.

We are a dynamic company and aspire to diversify our product offerings to cater to the niche and speciality requirements of plastics industry in India and overseas markets in coming few years. With this aim we are continuously striving to enhance our capability in terms of process technology, material science, research and analysis capability and specific skill sets of our human resources.





AGRICULTURE, HORTICULTURE & PLASTICULTURE

The use of plastics in agriculture, horticulture and plasticulture has helped farmers to:

- Increase crop production and feasibility to grow whatever the season
- Improve food quality
- Reduce the ecological footprint of their activity by saving (and retaining) water and nutrients, reducing use and emission of pesticides
- Allow storage and preservation of resources produced in summer to be used later in winter for e.g. hay and grass for feeding livestock in colder regions

TYPICAL PLASTICS PRODUCTS USED IN AGRICULTURE, HORTICULTURE AND PLASTICULTURE ARE:

- Green house films, Mulch films, Tunnel films, Silage wrap, Non-woven fabric covers, Shade nets, Tarpaulins
- Drip irrigation pipes and laterals, PE pipes & hoses, Geotextiles/ Geomembranes
- Food handling crates, shelf life enhancer packaging



Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Block	Plast Oxo Bio	Plast Bright
Plast Anti Oxidant	Plast Slip	Plast Combi-Batch
Plast Anti Stat	Plast UV	Plast Fresh
Plast Black PRM	Plast Anti Fog	Plast Odour Neutralizer
Plast Colour	Plast Anti Rodent	Plast PPA
Plast Desiccant	Plast Black	Plast Ultra
Plast Modifier		



CONSTRUCTION, INFRASTRUCTURE & INDUSTRIAL

The construction, infrastructure and industrial sectors use plastic for a wide range of applications because of its versatility, strength-to-weight ratio, durability and corrosion resistance, low energy of production etc.

TYPICAL PLASTICS PRODUCTS (MADE OF POLYOLEFINS AND THEIR BLENDS) USED IN CONSTRUCTION, INFRASTRUCTURE AND INDUSTRIAL SECTORS ARE:

- Non Halogenated FR Wire and cables
- Raffia covers, Construction Net and Tarpaulins
- Single Wall and Co-Ex Pipes and Gravity Pipes – for Plumbing and heating, transporting Drinking water and waste water and other liquids in industry
- Geosynthetics & Technical textiles
- Rotomoulded Barricades, Water and Chemical Storage Tanks, Safety gears and helmets etc.
- Tool grips, safety gear, Injection Moulded pipe fittings
- PE Foams and PP Corrugated Sheets for insulation and temporary protection



Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Oxidant	Plast FR	Plast Black PRM
Plast Anti Slip	Plast Odour Neutralizer	Plast Colour
Plast Anti Stat	Plast UV	Plast Desiccant
Plast Black	Plast Anti Microbial	Plast Modifier
Plast Bright	Plast Anti Rodent	Plast Ultra
Plast Combi Batch	Plast Anti Termite	



PACKAGING

Packaging is the largest application sector for plastics which consists of flexible packaging, rigid packaging and industrial packaging segments.

The commercial success of plastics as a packaging product is due to a combination of flexibility (from film to rigid applications), strength, lightness, stability, impermeability and ease of sterilisation, inertness and favourable organoleptic properties

TYPICAL PLASTICS PRODUCTS USED IN PACKAGING ARE:

RIGID PACKAGING:

- Caps and Closures, blow moulded bottles, carboys, drums, crates, trays and small boxes, Injection moulded containers and jars, dairy and yoghurt cups, crates, boxes, foamed trays etc.

FLEXIBLE PACKAGING:

- Monolayer bags for grocery, retail, apparels
- Multilayer barrier films and laminates for packing refrigerated foods, milk, shelf stable foods, ready meals, pet foods, cut fruits, vegetables, flowers, collation shrink films, dry foods etc.
- Fruit and vegetable shelf life enhancer films, fruits punnets and foamed trays

INDUSTRIAL PACKAGING

- HDPE and Raffia woven sack and FIBCs for packaging food and non-food items such as sugar, grains, cement, fertilizers, chemical powders and liquids, heavy duty PE bags
- VCI films for protection of ferrous and non ferrous metallic components during transit and storage, pallet wrap shrink films
- Anti Static films for microelectronics
- Injection moulded crates, boxes, pails and IBCs and blow moulded cans and bottles for household and industrial chemicals



Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Block	Plast Bright	Plast Oxo Bio
Plast Anti Fog	Plast Clarify	Plast PPA
Plast Anti Microbial	Plast Desiccant	Plast Slip
Plast Anti Oxidant	Plast E Conductive	Plast Stiffener
Plast Anti Slip	Plast Fragrance	Plast TPT Colour
Plast Anti Scratch	Plast Fresh	Plast Ultra
Plast Anti Split	Plast Lub	Plast Ultra PRM
Plast Anti Stat	Plast Modifier	Plast UV
Plast BlackPlast	Plast Nucleating	Plast VCI
Black PRM	Plast Odour Neutralizer	



LIVING SPACES AND LIFESTYLE

Plastics find numerous applications in homes, offices, in sports and leisure activities. Aesthetics, light weight, versatility in moulding different shapes and functionality with comfort and convenience are key factors driving growth of plastics in this segment.

TYPICAL PLASTICS PRODUCTS USED IN LIVING SPACES AND LIFESTYLE SEGMENTS ARE:

- High end and regular Injection moulded furniture for indoor and outdoor environments
- Office utilities, kitchen utilities and house wares, injection molded transparent bottles, disposable items and waste bags
- Children outdoor slides, toys and play equipment, toy mats, miniature toys
- Stadium bleachers (seats), artificial turf and running tracks, golf cart housing and other golf accessories, swimming and diving accessories
- Toiletries and personal care bottles, Non Woven, hygiene baby products, toilet seat covers



Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Microbial	Plast Colour	Plast Odour Neutralizer
Plast Anti Oxidant	Plast Combi Batch	Plast TPT Colour
Plast Anti Slip	Plast FR	Plast White
Plast Anti Scratch	Plast Fragrance	Plast White PRM
Plast Anti Stat	Plast Fresh	Plast UV
Plast Black PRM	Plast Lub	



**ELECTRICAL,
ELECTRONICS
& APPLIANCES**



From simple cables and household appliances to smartphones, many of the latest devices created in the Electrical & Electronic sector capitalize on new generation plastics. Thanks to its manifoldness and versatility, plastics contribute significantly to innovation in the electrical and electronic sector.

Designers of electrical and electronic applications rely on plastics because of their unique features such as resource efficiency and long term energy storage, light weight, electrical and mechanical resistance, electrical and thermal conductivity if desired, fire safety after FR formulation etc.

TYPICAL PLASTICS PRODUCTS USED IN ELECTRICAL, ELECTRONICS AND APPLIANCES ARE:

- Low and medium voltage wire and cables made with sheathings of HDPE, XLPE, EVA
- Optical fibre communication cables with HDPE sheathing
- Large and small household appliances such as Refrigerators, Dishwashers, Washing Machines, Electric shavers and razor parts, food blenders, hair driers, iron parts, water purifiers etc.
- Electronics such as TV sets, smart phones, laptops, computers, switches, fire alarms, bells etc.

Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Microbial	Plast Black PRM	Plast FR
Plast Anti Scratch	Plast Bright	Plast Lub
Plast Anti Oxidant	Plast Clarify	Plast Nucleating
Plast Anti Rodent	Plast Colour	Plast TPT Colour
Plast Anti Stat	Plast Combi Batch	Plast Ultra
Plast Anti Termite	Plast Desiccant	Plast Ultra
Plast Black	Plast E Conductive	PRMPlast UV



MEDICAL HEALTH & HYGIENE

Modern healthcare would be impossible without the many plastic-based medical products in use today. Plastics are everywhere, from exam gloves to sterile syringes and adhesive bandage strips, from intravenous blood bags to IV tubes or heart valves. Plastics packaging is particularly suitable for medical applications. Thanks to its exceptional barrier properties, it safely guards against contamination.

TYPICAL PLASTICS PRODUCTS USED IN MEDICAL HEALTH AND HYGIENE SEGMENTS ARE:

- Parts of diagnostic, monitoring and operating equipment, parts of mobility equipment
- Syringes, laboratory ware and blood collection and storage tubes
- Non woven disposable aprons, caps, face masks, shoe covers, breathable feminine and baby hygiene products, non woven bedding sheets and covers
- Toilet seat covers, blow moulded containers for tablets, multi layer bags for storing empty capsules
- Prosthetics and hearing aids



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Plast Anti Microbial	Plast Colour	Plast Odour Neutralizer
Plast Anti Oxidant	Plast Combi-Batch	Plast PPA
Plast Anti Scratch	Plast FR	Plast TPT Colour
Plast Anti Stat	Plast Fragrance	Plast Ultra PRM
Plast Black PRM	Plast Lub	Plast UV
Plast Clarify	Plast Nucleating	



TEXTILES AND FIBERS

Synthetic fibres made from Polypropylene and other polymers are playing an increasingly important role in the textiles industry. Synthetics have many advantages over natural fibres: they are much stronger, they dry quickly, they have faster colours, they are not easily effected by moisture, chemicals or bacteria, and they are generally cheaper.

TYPICAL PLASTICS PRODUCTS USED IN TEXTILES AND FIBRES SEGMENTS ARE:

- PP Non-woven fabrics, carpets and HDPE and PP raffia fibres to make woven and laminated fabrics, bags, Rachel bags, laminated PP bags, green house twines, FIBCs
- Awnings, Canopy Fabrics, Apparels, Event Shelters, Overnight camping gear / tents, Automotive seating, Climbing ropes, Umbrella fabric, industrial fabrics



Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Microbial	Plast Lub	Plast Combi-Batch
Plast Anti Rodent	Plast PPA	Plast E Conductive
Plast Black PRM	Plast White PRM	Plast Fragrance
Plast Colour	Plast Anti Oxidant	Plast Odour Neutralizer
Plast Desiccant	Plast Anti Stat	Plast Slip
Plast FR	Plast Bright	Plast UV



AUTOMOTIVE & TRANSPORTATION

In the automotive industry, polymers are used due to their versatility and various beneficial attributes such as design flexibility, streamlined manufacturing processes, fuel efficiency improvement, safety and durability. While developing transport solutions, polymers offer designers an ideal balance between high material performance, competitive pricing, style, comfort, safety, fuel efficiency & minimal environmental impact

For e.g. in Interior compartments plastics play a part in creating the right aesthetic. They can even affect performance, safety, cost and longevity of the vehicle.

In Under hood area use of polymers as metal substitutes meet increased demand for improved fuel economy and reduced emissions

In Auto exteriors polymers meet demanding mechanical properties of dimensionally stability, high toughness, stiffness and flexibility, good weathering and chemical resistance.

TYPICAL PLASTICS PRODUCTS USED IN AUTOMOTIVE AND TRANSPORTATION SEGMENTS ARE:

INTERIOR COMPARTMENT

- Trims, steering components, the instrument and door panel, headliner, safety systems and pedals, load floor, seating and composites, wall cladding sheets and luggage trays, lighting components

ENGINE COMPARTMENT

- Under-the-hood elements such as powertrains, fuel systems, suspensions and transmissions,
- Battery casings, battery brackets, fluid vessels, clutch master cylinder reservoirs and vacuum reservoirs.

EXTERIOR

- Doors and sills, lighting, roof systems, mud guards, front and rear bumpers, spoilers, hoods and wing mirror housing

Bajaj Superpack offers various masterbatches under Plast series to impart functionality and colour to above plastic products, namely:

Plast Anti Microbial	Plast Lub	Plast Combi-Batch
Plast Anti Scratch	Plast TPT Colour	Plast E Conductive
Plast Black	Plast Ultra PRM	Plast Fragrance
Plast Colour	Plast Anti-Oxidant	Plast Odour Neutralizer
Plast Desiccant	Plast Anti Stat	Plast UltraPlast UV
Plast FR	Plast Black PRM	