



Product Brilliance with
Bajaj Masterbatches
Where Quality Meets Color!

Overview

Bajaj Plast established their masterbatch business in 1988 and produces high quality masterbatches. Bajaj Plast has large fully integrated production facilities in respect of manufacturing of high tech specialty masterbatches, polymer compounds for plastic industries etc. having capacity of 1,20,000 MTA. They are supported by highly equipped laboratories as well as cutting edge manufacturing capacities. Moreover Bajaj Plast places emphasis on high health and safety standards and has high commitment to protecting the environment. It provides different range of Calcium Carbonate, Talc, Masterbatches and Tio2 based White Masterbatch, UV as well as Additive, Colour & Speciality masterbatches. Bajaj Plast Masterbatches achieves the highest global standards for quality, service & performance. Continuous R&D in Bajaj Plast has resulted in introduction of new generation products. Bajaj Plast is the most trusted name for improving polymer process economics and product quality.



Tio2 Masterbatches



MULTILAYER FILM



MILK POUCH



LAMI TUBES



MULTILAYER LAMINATED FILM

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Super 131	2-7	✓	✓	✓	✓	TiO ₂ Base Masterbatch with higher loaded Tio2 for Higher Opacity , White Index, Excellent Dispersion
Plast Super 132	2-10	✓	✓	✓	✓	TiO ₂ Base Masterbatch for Milk pouches Higher Opacity, White Index, Excellent Dispersion
Plast Super 150	2-10		✓	✓	✓	TiO ₂ Base Masterbatch for Multilayer films, Higher Opacity & Remove yellowness
Plast Super 184	2-10		✓	✓	✓	TiO ₂ Base Masterbatch for Multilayer Laminated film Higher Opacity, White Index, Excellent Dispersion
Plast Super 179	2-10		✓	✓	✓	TiO ₂ Base Masterbatch for Lamitubes Higher Opacity, White Index, Excellent Dispersion

for more details visit us at www.bjajajmb.com

Tio2 Masterbatches



COURIER BAG FILMS



BREATHABLE FILM



SILAGE FILM



OXO BIODEGRADABLE PLASTIC BAGS

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Super 150	3-10	✓	✓	✓	✓	TiO ₂ base Masterbatch for courier bags with excellent opacity with dispersion & best Printability
Plast Silage	3-10	✓	✓	✓	✓	Applicable for silage film which pigmented with TiO ₂ % & U.V additives
Plast Breathable	compound		✓	✓	✓	For excellent WVTR Properties
Oxo Bio Degradable	3-8		✓	✓	✓	Active To help to polymer degradation in presence of sunlight, soil & converted in to bio mass

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Calcium / Talc Masterbatches



PLAST MODIFIER



PLAST FIL



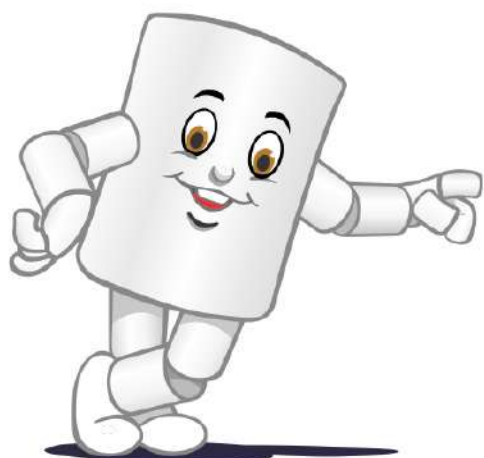
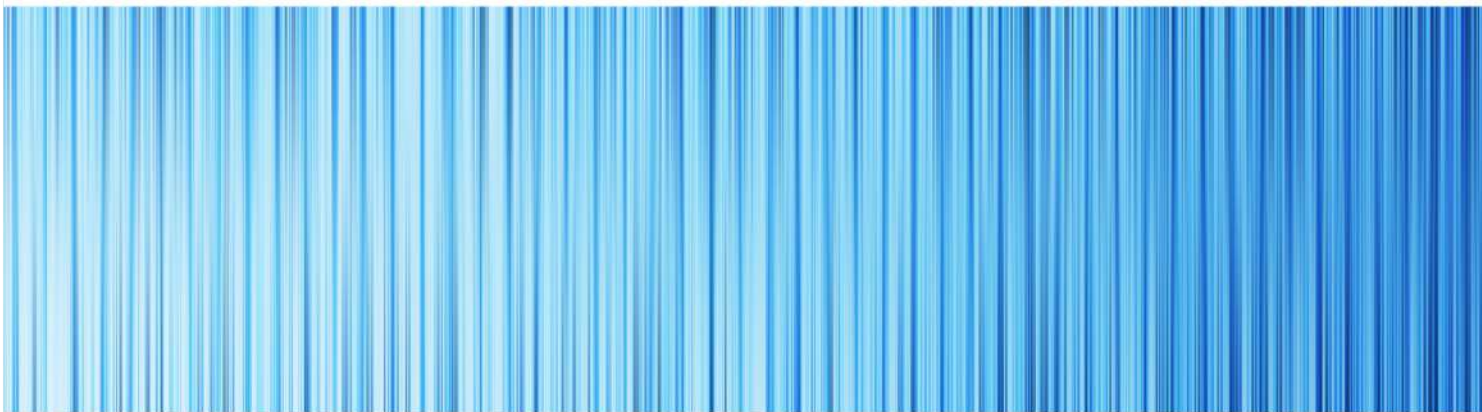
PLAST CRYSTAL



PLAST CLEAR

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Modifier	2-5	✓	✓	✓	✓	Plast Modifier grade with elastomer & special additives combination to improve whiteness & gloss. Improve processability
Plast Fil	10-60		✓	✓	✓	Outstanding mechanical properties even at higher loading. Improves opacity of film. Increases out put & saving cost
Plast Crystal	5-15		✓	✓	✓	Crystal with Optimum transparency of all Polyolefins & retains the transparency of finish product
Plast Clear	5-30	✓	✓	✓	✓	Talc Base act as nucleating agent & enhance printing stiffness with optimum transparency. Also increases mechanical properties

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PERFORMANCE
MASTERBATCHES
FOR FILMS

Additive Masterbatches



SURFACE PROTECTION FILM



FOOD PACKAGING LAMINATES



LIDDING FILM



VCI

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Protection	2-5	✓	✓	✓	✓	Plast protection provide excellent protection to save articles original look
Lidding film	2-5	✓	✓	✓	✓	Provide hygiene to save inside product, Increases shelf life & prevent contamination of the product being packaged
Food Packaging (Fresh)	2-5	✓	✓	✓	✓	Formulated for enhance the shelf life of inside materials as well as reducing microbial spoilage
Plast VCI	2-5	✓	✓	✓	✓	Vapour Corrosion Inhibitor is formulated to protect ferrous & non ferrous metal & their component from corrosion stage of operation

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Additive Masterbatches



UV FOR GREEN HOUSE



ODOR REMOVAL



PLAST ANTI SLIP



CLARIFYING

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast UV	1-5	✓	✓	✓	✓	Gives Superior UV protection by use of combination of UV absorber with HALS types light stabiliser. Protect polymer against UV degradation.
Plast Odour removal	2-5	✓	✓	✓	✓	For eliminating unwanted odour from polymers & complete solution to avoid undesired odour in polymer in vergin as well as in recycle materials
Plast Antislip	2-4	✓	✓	✓	✓	Increase the macro roughness in film surface, Improves anti slip properties
Plast Clarify	2-5	✓	✓	✓	✓	It is specific product that enhance the transparency with Improving the processability

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Additive Masterbatches



DESICCANT



OPTICAL BRIGHTENER



ANTI FOG



ANTISTATIC

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Dessiccant	1-3	✓	✓	✓	✓	Improves the product processability by absorbing moisture in higher loading of filler
Plast Optical Brightener	2-5	✓	✓	✓	✓	For Brightness & extra whiteness, eliminate yellowness with super surface structure
Plast Anti-Fog	2-4	✓	✓	✓	✓	Prevent fogging of product. Migrates to polymer surface & reduces its surface tension helps to avoid water droplets
Plast Antistatic	2-5	✓	✓	✓	✓	For reduce surface resistivity, & eliminating static charge

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Black / Colour Masterbatches



MULCH FILM



CONDUCTIVE



UHT FILM



POND LINING

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
PP MF - Much film	1-3	✓	✓	✓	✓	Designed for Light stabilisation of plastic materials, Excellent resistance to migrate, Protect from photo thermo oxidation degradation service lifetime. Improve resistance to chemical attacks like Agrochemicals, pesticides, acid rains
Conductive MB	2-5	✓	✓	✓	✓	Enhance the static dissipative & conductive properties of polymer, improves the mechanical properties
Plast UTH	2-4	✓	✓	✓	✓	Designed for packaging & storage of hot pasturised product, Protect from UV degradation & high level of Opacity
Pond lining	2-5	✓	✓	✓	✓	Designed for withstand all wether condition & prevent soil & surface water from entering the pond water by creating a secure seal

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BOPP Masterbatches



SILICONE SLIP ADDITIVES FOR BOPP



CaCO3 MB FOR CAVITATION & VOIDING IN BOPP



PEARLESCENT



ANTI BLOCK

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		BOPP	PP	LD	LLD	
Plast Silicon	1-3	✓	✓			Specialized Silicon based Additives MB for slip properties, reducing coefficient of friction gives lubricity & gloss . Enhance resistance again abrasions
Plast Cavitation	2-5	✓	✓			For Pearalized BOPP film contains highly dispersed calcium carbonate As cavitation & voiding agent with additives, Providing highly aesthetics & excellent film opacity
Plast Pearlescent	2-4	✓	✓			Ensure excellent visual effect with luster or sparkle finish. There are different types of special pearl pigment that impact wide range of colour like Gold & silver in product
Plast Anti Block	2-5	✓	✓			Use to easily separate BOPP films, Which naturally tends to stick one into stick one onto the other when rolled. Through the creation of small asperities on the film surface allowing to entrap air during winding blocking problem avoiding blocking process

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Additive Masterbatches



GEOMEMBRANE



ANTIMICROBIAL



ANTI OXIDANT



POLYMER PROCESSING AID (PPA)

Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Geomembrane	2-5		✓	✓	✓	High Ageing and wether resistance, Super Opacity & Hiding power with considerable UV & Anti Oxidation degradation resistance with outstanding filterability & high life
Plast Antimicrobial	2-5	✓	✓	✓	✓	Protects plastics surfaces being attacked by micro-organisms such as bacteria & fungus
Plast Anti Oxidant	1-3	✓	✓	✓	✓	Its improve thermal stability as well as For Enhancing the properties for use of recycdate product
Plast PPA	1-3	✓	✓	✓	✓	For avoiding lip burning, die buildup and stress. Fish eye & help in easy processability

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Ride the Future with Bajaj

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