

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 speciality 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.

Working towards greener tomorrow

95% EFFICIENCY

↑ QUALITY
↓ COST

Guaranteed ON TIME Delivery

Present annual capacity for masterbatch 120000 MT per annum

Multi Location Production Facility

Achieves more than 99% production efficiency always

99%

OUR GOAL PROFIT to our Customers

20% Cost reduction

Polymer + Bajaj Superpack Masterbatch = Reduced Cost

BAJAJ Manufactures Masterbatches BETTER

Bajaj Quality = Profit

Increasing the % of our R&D investment focused for Development & Sustainable Growth

Quality | Quantity

Satisfied Customers worldwide

Bajaj Superpack doesn't talk the talk they deliver the talk

Calcium Masterbatches



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Fab	10-30	✓	✓	✓	✓	Plast FAB is a PP-based filler that reduces polymer cost, improves productivity, saves energy, and minimizes machine wear & wastage
Plast Fab Spun	10-30	✓	✓	✓	✓	Plast FAB Spun is a CaCO ₃ -filled PP masterbatch offering cost reduction, high output, energy efficiency, and low machine wear
Plast Super 70-141	5-15	✓	✓	✓	✓	Plast Ultra MB141NWF is a premium white masterbatch with high opacity and maximum whiteness index. For Non Woven Fabric Applications
Plast Super 50-157	5-25	✓	✓	✓	✓	Plast Super 50-157 PP is a premium white masterbatch formulated with high quality TiO ₂ for premium high opacity, maximum whiteness index and UV resistivity
Plast Super 70-1018	5-20	✓	✓	✓	✓	Plast Super 70-1018 PP MB is a premium white masterbatch with high opacity, maximum whiteness, UV durability, and high gloss.

for more details visit us at www.bjjajmb.com

TiO2 Masterbatches



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Super 131	2-7	✓	✓	✓	✓	TiO ₂ Base Masterbatch with higher loaded TiO ₂ 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 Laminates Higher Opacity, White Index, Excellent Dispersion

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TiO2 Masterbatches



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 % & UV 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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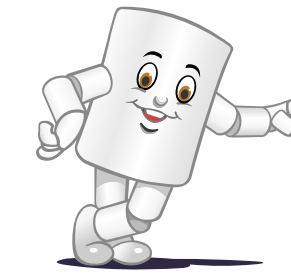
Calcium / Talc Masterbatches



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 fresh 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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Calcium / Talc Masterbatches



PERFORMANCE MASTERBATCHES FOR FILMS

Additive Masterbatches



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast UV	5-8	✓	✓	✓	✓	UV & Anti Oxidation degradation resistance with outstanding flexibility & high life
Plast MJF	2-5	✓	✓	✓	✓	High Aging and weather resistance. Super Opacity & Hiding power with considerable UV & Anti Oxidation degradation resistance with outstanding flexibility & high life

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Additive Masterbatches



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

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Additive Masterbatches



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Bio Filler	40-60	✓	✓	✓	✓	It is developed using a blend of biodegradable polymers and inorganic fillers to optimize performance and eco-friendliness
Bio Compound	90-100	✓	✓	✓	✓	PBAT-Base 100% Compostable MB-04 is a biodegradable masterbatch made from PBAT copolyesters and functional fillers
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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Additive Masterbatches



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 stabilizer. 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 virgin 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



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Desiccant	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



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
PP MF - Mulch 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, acids, 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 pasteurised product, Protect from UV degradation & high level of Opacity
Pond lining	2-5	✓	✓	✓	✓	Designed for withstand all weather condition & prevent soil & surface water from entering the pond water by creating a secure seal

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BOPP Masterbatches



Masterbatch Grade	Typical Addition % w/w	Compatibility				Description
		PP	HDPE	LD	LLD	
Plast Silicon	2-3	✓	✓	✓	✓	Specialized Silicon based Additives MB for slip properties, reducing coefficient of friction gives adhesion & gloss. Enhance resistance against abrasions
Plast Cavitation	1-5	✓	✓	✓	✓	For Pearlescent 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 pear 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 one 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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