

## **Curex Plastics**

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## **MASTER BATCHES**

#### **PRODUCTS**

- Black Masterbatch
- White Masterbatch
- Filler Masterbatch
- Color Masterbatch
- Agriculture Masterbatch
- PET Masterbatch
- Rotopol
- UV Masterbatch
- Conductive Black Compound
- Additive Masterbatches

## BLACK MASTER BATCHES COMMON GRADES

PRODUCT NAME	CARBON %	CARRIER RESIN	APPLICATION
Black	20	PE	Economical grade for all types of molding & Garbage bags
Premium Black	33	PP	Premium quality PP fiber grade, both fine and coarse denier multifilament yarns, monofilaments, non-woven with excellent dispersion
Filament Black	40	PP	Economy PP filament grade
Black	40	PS	Premium black for PS Extrusion & molding
Black	40	UNIVERSAL	Multipurpose molding grade for PP, HIPS, ABS & other polymers
Nylon Plus Black	25	Nylon-6	Nylon base,molding & extrusion grade

# WHITE MASTERBATCHES COMMON GRADES

PRODUCT NAME	TIO2 CONTENT	CARRIER RESIN	APPLICATION
White Universal Marble	70	PE	Premium quality grade for high end application like thin film extrusion, blow molding & multilayer film
White	60	PE	Suitable for films, Injection molding, Blow molding & high end Rotational Molding
White	55	PE	HDPE Blow molded barrels & film extrusion
White Special	50	PE	Injection molding,Blow molding & thick film
White	40	PE	Thick film extrusion & injection molding
White	32	PE	Blow molding & thick film extrusion
White	12	PE	Economy grade for injection molding
White	70	PS	High end PS sheet extrusion & injection molding
White	20	PS	Best suited forThermoforming sheet extrusion of dairy food containers

#### **FILLER MASTERBATCHES**

#### We offer range of filler for wide range of applications such as

- PP and PE woven sacks
- Mono and multi layer films
- Blow molding
- Injection molding
- PS sheets

#### Advantages of using our Filler masterbatches

- Very low dust formation
- Higher Loadability upto 50%
- Customized grades with special colors as well
- Special grades with ultra fine Calcium carbonate for very thin film extrusion
- Additive packages for increasing strength even with high loading of filler masterbatch in film and
   Raffia

#### **COLOR MASTERBATCH**

With an active color database of over 5000 shades and precise color matching with spectrophotometer we are industry leaders in Colors. We are recognized by its customers as one of the leading lights when it comes to product safety and stringent regulatory requirements. Be it food products, toys, cosmetics or medical devices, we have the expertise to custom formulate products that conform to the most stringent regulations.

Extreme care is taken to ensure organoleptic integrity of products meant for these applications. A dedicated plant and team of engineers works to ensure that any ingredient that may cause free radical formation or alter the smell or taste of the final product is eliminated from the formulations.

- Pearl Colours
- Lead and heavy metal free masterbatches (ROHS\*)
- Glow in dark
- Outdoor Colours-Light fastness 7-8
- Metallic Colours
- Injection and Rotational Molding
- Engineering Plastics- Nylons, Polyacetals etc
- Polyester Staple Fiber

\*In house XRF testing available



#### **READY TO USE PLASTIC COMPOUNDS**

#### **PRODUCTS**

- Poly Vinyl Compounds
- Poly Ethylene Compounds
- Poly Propylene Compounds

#### **Poly Vinyl Compounds**

#### **PVC Medical grade Compound & Tubing**

- Clear extrusion & molding
- · Non phthalate, non DEHP
- Radiation resistance
- Radio opaque
- High Mechanical strength tubing & molding compound
- Self frosted
- Gel free, fish eye free, non sticky, non migratory tubing



#### **Applications**

- Medical disposable products
- Drug delivery systems
- Urine bags, Blood bags, I.V fluid pouches
- Oxygen mask, feeding & suction catheters
- Drainage sheets, dialysis kits



## **Poly Vinyl Compounds**

#### **PVC Wire & Cable Compound**

- General purpose electrical wire & cables confirming to IS 5831
- FR, HR, FRLS
- Flexibility at low temperature, Chemical & abrasion resistance elastomeric compounds
- ROHS & UL compliant compounds
- Lead free compounds for low to high speed extrusion



## **Applications**

- House holds wires & cables
- Submersible pumps flat & round cables
- Power cables, electronic cables
- Electric appliances wires
- Automotive wire harnesses



## **Poly Ethylene Compounds**

- Talc filled PE compounds
- Calcium carbonate filled PE compounds



#### **Applications**

HDPE Tape compounds

## Poly Propylene Compounds

- Talc filled PP compounds
- Calcium carbonate filled PP compounds



#### **Applications**

Tarpaulins, Lamination films, Toys, Luggage, Household Items, Kitchenware, and Hardware items

## PLASTICS MANUFACTURING EQUIPMENT

#### **INJECTION MOLDING**



#### BOTTOM SEAL BAG MAKING MACHINE WITH CONVEYOR STACKING SYSTEM

Suitable For- HM / LD /LLDPE / PP Plain Bags, Shopping,



# BOTTOM SEALED BAG MAKING MACHINE FOR WIDE WEB BAGS, such as Garbage , Liner , Jumbo Bags.



Suitable For-  $HM\,/\,LD\,/LLDPE$  , Wide Web Bags

#### EXTRUSION BLOW MOLDING MACHINE

