



TECHNICAL DATA SHEET

COLOUR MASTERBATCHES

Including Black Masterbatch, White Masterbatch, and Colour Masterbatch Grades

Colour Masterbatches are polymer-based pigment concentrates designed for consistent coloring, dispersion, and processing performance in industrial plastic manufacturing.

PRODUCT NAME & CAS NUMBER

Product Name	Colour Masterbatches: Black Masterbatch, White Masterbatch, and Colour Masterbatch grades
Chemical Formula	Not applicable; polymer carrier resin with pigments, additives, and dispersion agents
CAS Number	Not applicable; industrial formulated polymer mixture
Typical Base Polymer	PE, PP, EVA, or application-specific carrier resin depending on customer requirement

MAIN APPLICATIONS

- Plastic film, sheet, bag, and flexible packaging production.
- Injection molding of household, industrial, and technical parts.
- Extrusion of pipes, profiles, cables, and plastic components.
- Blow molding, nonwoven, raffia, and woven sack manufacturing.

KEY PROPERTIES

Property	Black Masterbatch	White Masterbatch	Colour Masterbatch
Appearance	Black cylindrical pellets	White cylindrical pellets	Colored cylindrical pellets
Odor	Slight polymer odor	Slight polymer odor	Slight polymer odor
Purity	Pigment concentrate grade	Pigment concentrate grade	Pigment concentrate grade
Density	Approx. 0.90-1.60 g/cm ³	Approx. 0.95-1.80 g/cm ³	Approx. 0.90-1.70 g/cm ³
Solubility	Insoluble in water	Insoluble in water	Insoluble in water
pH	Not applicable	Not applicable	Not applicable

STORAGE CONDITIONS

Store in original sealed packaging in a cool, dry, and well-ventilated warehouse. Keep away from direct sunlight, moisture, heat, and contamination. Reseal opened packaging after use and apply recommended stock rotation.

TECHNICAL DISCLAIMER

This Technical Data Sheet is provided as general industrial guidance. Typical values may vary by grade, carrier resin, pigment loading, additive package, and final specification. Users should verify suitability through their own processing trials before commercial use.