

Plastic Masterbatch

Color and additive concentrates for plastics

Product Description

Masterbatch compounds for coloring and modifying plastic materials.

Certificate of Analysis

HSN Code: 3206.49.90 CAS Number: Varies by component Classification: Generally non-hazardous

Parameter	Specification	Test Method
Pigment Content	10% – 75%	Gravimetric / Spectrophotometry
Bulk Density	1.2 – 1.7 g/cm3	ASTM D1895
Melt Flow Index	"e 5 . 0 g / 1 0 m i n	ASTM D1238
Moisture Content	"d 0 . 1 %	Karl Fischer Titration
Light Fastness	"e 4 (B l u e W o o l S c a l e)	ISO 105-B02
Heat Resistance	180°C – 300°C	Thermal Analysis
Dispersion Quality	Excellent	Visual Inspection

Physical Properties

Appearance: Uniformly colored granules or pellets
Odor: Odorless or slight characteristic odor
Molecular Formula: Varies by composition
Molecular Weight: Varies by composition
Solubility: Insoluble in water; dispersible in molten polymer
Density: 1.2 – 1.7 g/cm³

Packing: 25 kg bags, 500 kg or 1000 kg bulk bags
Storage: Store in cool, dry, well-ventilated area protected from moisture

Safety & Handling

PPE: Gloves, eye protection, protective clothing
Hazards:

- Generally non-hazardous; specific formulations may vary