

# JOYBLACK™ Black Masterbatches

## For Mulch Film Application



### Description

JOYBLACK™ series of black masterbatches for use in mulch film have excellent dispersity, covering power and high concentration of carbon black. They offer excellent dilution and ease of processing performance in the production of mulch film. The final articles made with this series of black masterbatches will retain excellent film smoothness, UV/weatherability, mechanical strength and chemical resistance properties.

### Method of Addition

The JOYBLACK™ series of black masterbatches for use in mulch film are easy to dilute evenly in plastic melts, suitable for direct addition using or addition after pre-blending.

### Addition Rate

Reference to National Standards, or depends on the performance requirements of final application. The typical addition rates in mulch film vary from 3% to 7% masterbatch.

### Typical Properties

Model	CB Content	MFI*	Properties
PE96343	40%	40	Superb weatherability and film smoothness, suitable for high altitude with strong UV area.
PE96251	45%	30	Superb film smoothness, excellent weatherability.
PE92772	47.5%	10	High film smoothness, the optimal balance between weatherability and economy, general grade
PE96371	35%	45	Economic grade
PE6241	45%	30	Excellent film smoothness, cost-effective
PE6231	45%	30	Good film smoothness, good economy

\*MFI is tested at 190°C, 21.6kg, unit g/10mins.

The data above is typical test values for guidance only, not final product specifications. Product specifications can be provided based on custom requirements.

### Packaging

25KG/Bag Polythene Bag Store in a dry place. Recommended storage life: up to one year if stored as directed. After more than a year, it is recommended to retest the water.