

JOYBLACK™ Black Masterbatches

For Geomembranes Application



Description

The **JOYBLACK™** series of black masterbatches for use in geomembranes have outstanding dispersity and high carbon black concentration, this series has excellent dilution and machinability in production of geomembranes. The final articles made of this series of black masterbatches have excellent penetration resistance, chemical resistance, UV/weatherability and mechanical strength properties.

Method of Addition

The **JOYBLACK™** series of black masterbatches for use in geomembranes 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 geomembranes are vary from 3% to 5% masterbatch.

Typical Properties

Grade	CB Content	MFI*	Properties
PE96318	45%	Pending	Used for blown film process, penetration resistance, chemical resistance, UV/weatherability, mechanical strength
PE96249	45%	Pending	Used for cast film process, penetration resistance, chemical resistance, UV/weatherability, mechanical strength
PE6239	45%	Pending	Used for cast film process, cost-effective
PE6229	45%	Pending	Used for cast film process, 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.