

PLASBLAK[®] PE2668 Black Masterbatch



Black Polyethylene (PE) Masterbatch for Irrigation Pipe

PLASBLAK PE2668 black masterbatch is formulated with a carbon black selected to enhance UV protection and is suitable for use in the manufacture of irrigation pipe.

PLASBLAK PE2668 black masterbatch has been developed to provide the following performance benefits:

- Excellent long term weathering protection
- Enhanced protection against thermal degradation during both processing and service life
- Improved processability with enhanced micro-dispersion, superior surface appearance and potential for higher production speeds.

This product is suitable for use in a wide range of plastics that come into contact with food. For more details regarding the food contact compliance in various countries, please refer to the relevant Food Contact Statement that you can obtain through your Cabot representative.

Method of Addition

PLASBLAK PE2668 black masterbatch is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

Addition Rate

The amount of masterbatch added depends on the performance requirements of the final application. The typical addition rate is 6.25% masterbatch.

Physical Properties

PROPERTY	VALUE	TEST METHOD
Carrier	PE	-
Pigment	40% carbon black	-
Additive	Special additive package	-
Compatibility	LDPE, LLDPE, HDPE, PP	-
Density @ 23°C	1150 kg/m ³	CTM E023 (*)
MFI 21.6 kg/190°C	4 g/10 min	ISO 1133

(*) Tests are performed according to Cabot Test Methods (CTM).

The data in the table above are typical test values intended as guidance only, and are not product specifications. Product specifications are available from your Cabot representative.

PLASBLAK® PE2668 Black Masterbatch

Packaging

PLASBLAK PE2668 black masterbatch is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

Storage life: up to 1 year provided it is stored as directed.



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