

PLASBLAK® PE6213



Black Polyethylene Masterbatch for Irrigation Pipe

PLASBLAK PE6213 is a high performance black masterbatch designed for use in the manufacture of irrigation pipe. It has been specially formulated with a small particle size carbon black together with an antioxidant and process aid package to give the following performance benefits:

- Enhanced long term weathering protection
- Excellent protection against thermal degradation during both processing and service life
- Excellent microscopic dispersion quality
- Improved processability with 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 European countries, please refer to the relevant Food Contact Statement that you can obtain through your usual Cabot representative.

Method of Addition

PLASBLAK PE6213 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. Typical addition rates vary from 5% to 7% masterbatch.

PLASBLAK[®] PE6213

Physical Properties

PROPERTY	VALUE	TEST METHOD (*)
Carrier	PE	-
Pigment	40% weathering grade carbon black	-
Additive	Special additive package	-
Compatibility	LDPE, LLDPE, HDPE, PP	-
Density @ 23°C	1150 kg/m ³	CTM E023
MFI 10 kg/190°C	8 g/10 min	CTM E005 (ISO 1133)

(*) Tests are performed according to Cabot Test Methods (CTM) based on international standards.

Quoted test results should not be used for specification purposes but are typical test values intended for guidance only.

Packaging

PLASBLAK PE6213 is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

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



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