

PLASBLAK® PE6213 BLACK MASTERBATCH

Black Polyethylene Masterbatch for Irrigation Pipe

PLASBLAK PE6213 black masterbatch is a high performance black masterbatch designed for use in the manufacture of irrigation pipe. It has been specially formulated with a carefully selected carbon black together with an antioxidant and process aid package to offer 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.



Method of addition

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

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TYPICAL PROPERTIES			
PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Carrier	PE	-	-
Pigment	40% Weathering carbon black	-	-
Additive	Process aid, antioxidant	-	-
Compatibility	LDPE, LLDPE, HDPE, PP	-	-
Density @ 23°C	1150	kg/m ³	ISO 1183
MFI 10 kg/190°C	8	g/10 min	ISO 1133

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

Product form and logistics

- ◆ Product form: pellets
- ◆ Regional availability: global
- ◆ Packaging options: 25 kg bags

For information on product-specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at cabotcorp.com.

The PLASBLAK name is a registered trademark of Cabot Corporation.

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