

PLASBLAK® LL2590 BLACK MASTERBATCH

Product highlights

PLASBLAK LL2590 black masterbatch is designed for use in cold potable water pipe and cable sheathing applications. It is formulated with a stabilization additive suitable for use with potable water and offers high protection against UV light degradation.

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 LL2590 black masterbatch is formulated with a specialty carbon black which meets EN 12201, ISO 4427, ISO 4437 and other equivalent regulations for carbon black. Regulated pressure pipes produced from fully formulated compounds that incorporate PLASBLAK LL2590 black masterbatch using internationally recognized compounding techniques will be able to conform to requirements of these standards.

Addition rate

The amount of masterbatch added depends on the performance requirements of the final application. The typical addition rate used to achieve maximum UV light protection is 6.25% masterbatch.

TYPICAL PROPERTIES			
PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Carrier	LLDPE	-	-
Pigment	40% carbon black	-	-
Additive	Antioxidant	-	-
Compatibility	LDPE, LLDPE, HDPE, PP	-	-
Density @23°C	1140	kg/m ³	ISO 1183
MFI 21.6 kg/190°C	7	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.

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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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