

PLASBLAK® XP6486C BLACK MASTERBATCH

Product highlights

PLASBLAK® XP6486C black masterbatch is a fully formulated polyethylene masterbatch suitable for the production of geomembranes which exceeds the GM13 standard requirements.

This masterbatch is made from a finely dispersed carbon black grade combined with a highly effective thermal and light stabilization package.

PLASBLAK® XP6486C black masterbatch exceeds the Oxidative Induction Time (OIT) and High-Pressure Oxidative Induction Time (HP-OIT) requirements specified by GM13 standard.



Method of addition

PLASBLAK® XP6486C 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 7.5 % masterbatch in order to get 2 % to 3 % carbon black in the geomembrane as specified by the GM13 standard.

TYPICAL PROPERTIES			
PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Carrier	Polyethylene	-	-
Pigment	40 % carbon black	-	-
Additive	Antioxidant and UV stabilizer	-	-
Compatibility	LLDPE, MDPE, HDPE, PP	-	-
Density @ 23°C	1180	kg/m ³	ISO 1183
MFI 190°C/10 kg	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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Products form and logistics

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