

PLASBLAK® PE2813 BLACK MASTERBATCH

Product highlights

PLASBLAK PE2813 black masterbatch is uniquely manufactured, based on a furnace process carbon black, to fully comply with the food, drug and cosmetic act and the main applicable food additive regulations for coloring single use food packaging.

PLASBLAK PE2813 black masterbatch provides a superior alternative to imported, gas-fired channel black based masterbatches that previously were the only products to meet FDA regulations for use in these applications. Not only does PLASBLAK PE2813 black masterbatch meet FDA regulations, but it surpasses channel black based masterbatches in color, dispersion quality and performance.



PLASBLAK PE2813 black masterbatch is designed for food packaging applications where compliance with the food, drug and cosmetic act is essential. PLASBLAK PE2813 black masterbatch will also provide the level of jetness and blue undertone expected in good quality plastic packaging together with excellent dispersion characteristics. Note that PLASBLAK PE2813 black masterbatch is not recommended in film applications.

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 PE2813 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

Typical addition rate will be 2% to 8% depending on the thickness, required coloration and required opacity. The addition rate should not exceed 10% in line with the maximum levels of carbon black permitted according to the FDA Code of Federal Regulations and other legislative authorities.

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TYPICAL PROPERTIES			
PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Carrier	LDPE	-	-
Pigment	25% carbon black	-	-
Compatibility	LDPE, HDPE, PP, ethylene copolymers	-	-
Density @ 23°C	1050	kg/m ³	ISO 1183
MFI 10 kg/190°C	11	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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