

PLASBLAK® PE2727 BLACK MASTERBATCH

Product highlights

PLASBLAK PE2727 black masterbatch is a polyethylene based black masterbatch designed for use in film, extrusion and molding applications. It is particularly suitable for coextruded and thin films requiring high opacity as well as good resistance to UV.

It is also suitable for use in construction pipes, tape, netting and geogrid applications. The formulation features optimum carbon black dispersion paired with good dilutability, enabling superior 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 Cabot representative.

Method of addition

PLASBLAK PE2727 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 4% to 10% masterbatch in film applications (1% to 3% in injection molding). The recommended addition rate for maximum UV light protection is 6.25% masterbatch.



TYPICAL PROPERTIES

| PROPERTY | TYPICAL VALUE | UNITS | TEST METHOD |
|-------------------|--------------------------------------------|-------------------|-------------|
| Carrier | PE | - | - |
| Pigment | 40% weathering carbon black | - | - |
| Compatibility | LDPE, LLDPE, HDPE, PP, ethylene copolymers | - | - |
| Density @ 23°C | 1140 | kg/m ³ | ISO 1183 |
| MFI 21.6 kg/190°C | 38 | 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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