

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	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.

NORTH AMERICA

Cabot Plastics Canada
707 Pierre Tremblay Boulevard
Saint-Jean-sur-Richelieu
QC, J2X 5G5
Canada
T +1 450 347 4371
F +1 450 347 9936

SOUTH AMERICA

Cabot Brasil Industria e
Comercio Ltda.
Rua do Paraíso 148 - 5º andar
04103-000 São Paulo
Brazil
T +55 11 2144 6400
F +55 11 3253 0051

EUROPE

SIA Cabot Latvia
101 Mukusalas Street
LV-1004 Riga
Latvia
T +371 670 50 900
F +371 670 50 985

MIDDLE EAST/AFRICA

Cabot Specialty Chemicals
Jebel Ali Free Zone
LOB 15, Office 424, Dubai
United Arab Emirates
T +971 4 8871 800
F +971 4 8871 801

ASIA PACIFIC

Cabot China Ltd.
558 Shuangbai Road
Minghang District
Shanghai 201108
China
T +86 21 5175 8800
F +86 21 6434 5532

JAPAN

Cabot Specialty Chemicals, Inc.
Sumitomo Chiba-Daimon Bldg, 3F
2-5-5 Shiba Daimon,
Minato-ku, Tokyo 105-0012
Japan
T +81 6820 0255
F +81 3 5425 4500

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