

PLASBLAK[®] LL4897 Black Masterbatch



Black Polyethylene Masterbatch for Silage Stretch Wrap Film

PLASBLAK LL4897 masterbatch has been developed for use in silage stretch wrap film applications. The masterbatch contains specially-selected carbon black together with an antioxidant package to enable the masterbatch with excellent weathering performance for silage stretch wrap film during its service life.

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 countries, please refer to the relevant Food Contact Statement available from your Cabot representative.

Method of Addition

PLASBLAK LL4897 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. The typical addition level for enhanced UV protection is 6.25% masterbatch. For optimal weathering performance in hotter climates, the addition of further UV stabilizers in the silage film manufacturing process may be required.

Physical Properties

PROPERTY	VALUE	TEST METHOD
Carrier	polyethylene	-
Pigment	40% carbon black	-
Additive	antioxidant	-
Compatibility	LDPE, LLDPE, HDPE, PP	-
Density @ 23°C	1150 kg/m ³	CTM E023 *
MFI 10 kg/190°C	4 g/10 min	CTM E005 *

* Tests are performed according to Cabot Test Methods (CTM).

The data in the table above are typical test values intended as guidance only, and are not product specifications. Product specifications are available from your Cabot representative.

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Packaging

PLASBLAK LL4897 black masterbatch is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

Storage life: up to 1 year provided it is stored as directed.



NORTH AMERICA

Cabot Corporation Business
and Technical Center
157 Concord Road
Billerica, MA 01821-7001
USA

TEL +1 800 462 2313
FAX +1 978 670 7035

SOUTH AMERICA

Cabot Latin American
Division
Rue do Paraíso, 148 -
5º andar
04103-000, Sao Paulo,
SP BRAZIL

TEL +55 11 2144 6400
FAX +55 11 3253 0051

EUROPE

Cabot Specialty Chemicals
Interleuvenlaan 15 i
3001 Leuven,
BELGIUM

TEL +32 16 39 24 31
TEL +32 16 39 25 68
FAX +32 16 39 24 44

MIDDLE EAST/AFRICA

Cabot Specialty Chemicals
Jebel Ali Free Zone
LOB 15, Office 424
Dubai

UNITED ARAB EMIRATES
TEL +971 4 8871 800
FAX +971 4 8871 801

ASIA PACIFIC

Cabot China Ltd.
558 Shuangbai Road
Shanghai 201108,
CHINA

TEL +86 21 5175 8800
FAX +86 21 6434 5532

JAPAN

Cabot Specialty Chemicals, Inc.
Sumitomo Chiba-Daimon Bldg. 3 F
2-5-5 Shiba Daimon,
Minato-ku, Tokyo 105-0012,
JAPAN

TEL +81 3 6820 0255
FAX +81 3 5425 4500

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