

PLASBLAK® PE4462



Black Polyethylene Masterbatch for Compounding, Extrusion and Non-Critical Film Applications

PLASBLAK PE4462 is an economical polyethylene based black masterbatch offering excellent opacity and tint strength for use in a range of applications. It is designed to provide superior pigmentation in compounding, extrusion and non-critical film. It is particularly recommended in applications requiring the pigmentation of recycled material.

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 PE4462 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 2% to 6% masterbatch.

Physical Properties

PROPERTY	VALUE	TEST METHOD (*)
Carrier	PE	-
Pigment	carbon black	-
Compatibility	LDPE, LLDPE, ethylene copolymers	-
Density @ 23°C	1620 kg/m ³	CTM E023
MFI 10 kg/190°C	16 g/10 min	CTM E005 (ISO 1133)

(*) Tests are performed according to Cabot Test Methods (CTM) based on international standards.

Quoted test results should not be used for specification purposes but are typical test values intended for guidance only.

PLASBLAK[®] PE4462

Packaging

PLASBLAK PE4462 is supplied in regular pellet form packed in 25 kg bags. It should be stored in a dry place.

Recommended 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 Idg. 3F
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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