

CABOT PLASTICS

Product Information

PLASBLAK® PE6021

HIGH CARBON BLACK LOADING MASTERBATCH FOR RECLAIM POLYMER APPLICATIONS

PLASBLAK® PE6021 is a newly developed utility masterbatch with exceptional high carbon black loading offering the following excellent performance benefits:

- Higher covering power
Depending on the quality of recycled resin, possibly 10-15% reduction of MB to achieve similar jetness or tint development
- Retain physical properties
No deterioration of mechanical properties (tensile and impact performance) of finished products
- Maximize cost/performance effectiveness
Utilize Cabot strength & technology without use of low cost filler system
- Excellent gloss levels at high black loading
- Lower customer operation cost
Reduction of MB usage reduce overall logistics & storage cost

PLASBLAK® PE6021 is specially designed for pigmentation of reclaim/recycled polymer such as HIPS, SAN, ABS & polyolefins due to high black loading and the use of special carbon black with high jetness/tint development. This product is not recommended for premium applications with stringent demands for superior surface quality performance &/or food contact requirements.

METHOD OF ADDITION

PLASBLAK® PE6021 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 1%-3% masterbatch.

PHYSICAL PROPERTIES

PROPERTY	VALUE	TEST METHOD (*)
Carrier	PE (modified)	
Pigment	carbon black	
Compatibility	PS, ABS, SAN, PE and PP	
Density @ 23°C	1165 kg/m ³	CTM E023
MFI 21.6 kg/190°C	25 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.

PACKAGING

PLASBLAK® PE6021 is supplied in regular pellet form packed in 25kg bags. It should be stored in a dry place.

This information is provided as a convenience and for informational purposes only. No guarantee or warranty as to this information, or any product to which it relates, is given or implied. This information may contain inaccuracies, errors or omissions and CABOT DISCLAIMS ALL WARRANTIES EXPRESS OR IMPLIED, INCLUDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO (i) SUCH INFORMATION, (ii) ANY PRODUCT OR (iii) INTELLECTUAL PROPERTY INFRINGEMENT. In no event is Cabot responsible for, and Cabot does not accept and hereby disclaims liability for, any damages whatsoever in connection with the use of or reliance on this information or any product to which it relates.

GLOBAL CONNECTIONS PLC.

HEAD OFFICE
Cabot
Interleuvenlaan 15 I
B - 3001 Leuven - Belgium
Tel : (32) 016 - 39 24 00
Fax : (32) 016 - 39 24 44

SALES OFFICES
Cabot Plastics Ltd
Gate Street
Dukinfield SK16 4RU - England
Tel: (44) 161 - 934 4500
Fax: (44) 161 - 934 4501
Cabot Plastics Belgium S.A.
Rue Prevochamps 78
B - 4860 Pepinster - Belgium
Tel: (32) 087-39.27.11
Fax: (32) 087-46.98.69
Cabot Italiana S.p.A
Plastics Division
Zona Industriale, 4
I - 38055 Grigno (TN) - Italia
Tel: (39) 0461 - 775 211
Fax: (39) 0461 - 765 146

Cabot Plastics Deutschland
Germany
Tel: (0800) 182 40 86
Fax: (0800) 182 40 87
c/o Cabot Plastics Belgium
(see address above)

Cabot Plastics Hong Kong Ltd
18 Dai Kwai Street
Tai Po Industrial Estate / NT
Hong Kong SAR - PRC
Tel: (852) 2666-2666
Fax: (852) 2666-0807

Cabot Latin America Division
Av. Joao Castaldi, 88
04 517-900 Sao Paulo, SP
Brasil
Tel: (55) 11 55 36 03 88
Fax: (55) 11 55 42 60 37

CABOT SHANGHAI LIAISON OFFICE
558 Shuang Bai Road, Wu Jing,
Shanghai, China 201108
Tel: (86-21) 6434 6025
Fax: (86-21) 6434 5532

PLASBLAK®, PLASWITE®,
PLASGREY®, PLASADD®, CABELEEC®,
RAINBOW® and CABOT® are
trademarks of Cabot Corporation
© Cabot Corporation, MA, U.S.A. All rights
reserved. 2004

GLOBAL CONNECTIONS PLC