

BLACK MASTERBATCH FOR ENGINEERING  
APPLICATIONS OFFERING HIGH STANDARDS  
OF PERFORMANCE



## PLASBLAK® EG3807



PLASBLAK® EG3807 has been designed for compounding and injection moulding of engineering polymers. This product is particularly recommended for polycarbonate (PC).

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.

### PERFORMANCE BENEFITS

The main performance benefits are:

- \* suitability for use in a wide range of engineering polymers
- \* high gloss jet black coloration
- \* improved color generation
- \* high temperature stability
- \* low influence on dilution polymer rheology
- \* significant improvement in impact properties of PC (see graph).

### Method of Addition

PLASBLAK EG3807 is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using automatic dosing units or by pre-blending.

Note: Depending on the dilution polymer used, pre-drying of the masterbatch may be necessary.

### Addition Rate

The amount of masterbatch added depends on the performance requirements of the final application. Typical addition rates vary from 2% to 4% masterbatch.



**Cabot Corporation**

[www.cabot-corp.com/plastics](http://www.cabot-corp.com/plastics)

PLASBLAK® EG3807

BLACK MASTERBATCH FOR  
ENGINEERING APPLICATIONS  
OFFERING HIGH STANDARDS OF  
PERFORMANCE

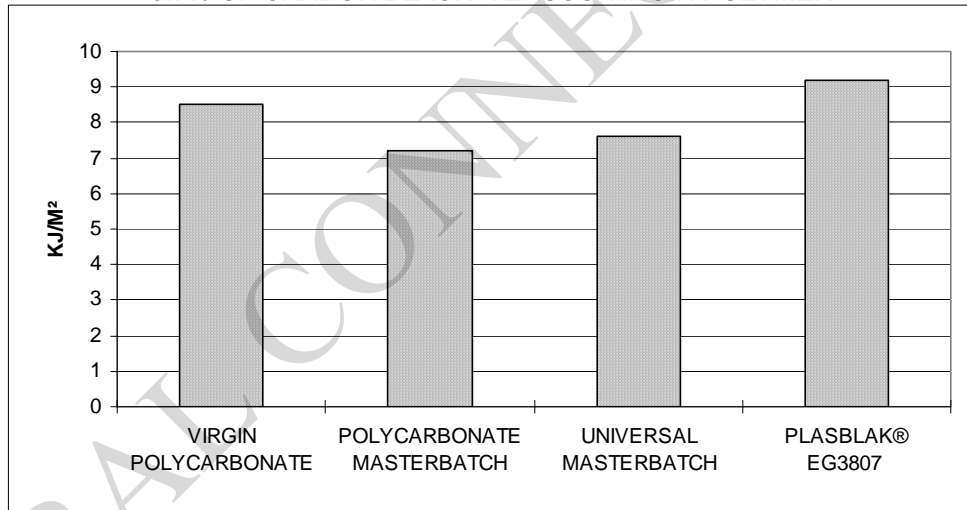


**Physical Properties**

PROPERTY	VALUE	TEST METHOD
Pigment	Jet carbon black	--
Compatibility	PC, PA, PET, PBT, PMMA, POM, PPS, PS, SAN	--
Density at 23°C	1220 kg/m <sup>3</sup>	CTM E023
Melt Flow Index 21.6 KG/200°C	7 g/10 m	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 values intended for guidance only.

**IZOD IMPACT RESISTANCE OF BLACK POLYCARBONATE COMPOUNDS CONTAINING 0.7% OF CARBON BLACK VERSUS VIRGIN POLYMER**



**Packaging**

PLASBLAK EG3807 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.

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.

HEAD OFFICE  
Cabot SCCC  
Interleuvenlaan 15 I  
B - 3001 Leuven - Belgium  
Tel : +32 16 39 24 00  
Fax : +32 16 39 24 44  
SALES OFFICES  
Cabot Plastics Ltd  
Gate Street

Cabot Plastics Belgium S.A.  
Rue Prevochamps 78  
B - 4860 Pepinster - Belgium  
Tel: +32 87 39 27 11  
Fax: +32 87 46 98 69

Cabot Plastics Deutschland  
Tel: (0800) 182 40 86  
Fax: (0800) 182 40 87  
c/o Cabot Plastics Belgium S.A.

Cabot Italiana S.p.A  
Zona Industriale, 4  
I - 38055 Grigno (TN) - Italia

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 (China) Limited  
558 Shuangbai Road  
Shanghai, China 201108

Dukinfield SK16 4RU - England  
Tel: +44 161 934 4500  
Fax: +44 161 934 4501

Tel: +39 0461 775 211  
Fax: +39 0461 765 146

Tel: +86 21 6434 7766  
Fax: +86 21 6434 5532

---

GLOBAL CONNECTIONS PLC.