

# PLASBLAK<sup>®</sup> XP6801D Black Masterbatch

Next generation masterbatch for styrenics applications

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The more **effective** black masterbatch  
delivering **differentiated** technical  
performance with a lower dosage



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## PERFORMANCE BENEFITS:

- ◆ **More effective color** than benchmark materials
  - ◆ Up to 50% MB reduction to reach same color as benchmark
- ◆ **High intrinsic UV performance**
  - ◆ Despite lower CB dosage, UV performance is achieved
- ◆ **Better mechanical performance** than competitive materials
  - ◆ Up to 25-30% improvement in impact strength

## SUSTAINABILITY BENEFITS:

- ◆ **Reduced transportation related GHG (greenhouse gas) emissions** due to the lower quantity of masterbatch needed for the same amount of product
- ◆ **Reduced inventory and handling logistics**

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## AVAILABILITY OF MATERIAL:

- ◆ Manufactured in Europe
- ◆ Available **all over the world**



## USUAL PACKAGING:

- ◆ Plastic bags (25kg)

## POTENTIAL APPLICATIONS:

- ◆ Styrenics (ASA & ABS):
  - ◆ Electro & Electronics
  - ◆ Automotive

## TDS

**CABOT**  
BLACK MASTERBATCHES  
**PLASBLAK® XP6801D BLACK MASTERBATCH**

**Product highlights**  
PLASBLAK® XP6801D black masterbatch has been designed with a carefully selected carbon black finely dispersed in styrene acrylonitrile copolymer resin for coloration of ABS, ASA, SAN and PS in applications such as EMI, transportation, agriculture and packaging. It enables good retention of physical properties in the colored articles.

**Method of addition**  
This black masterbatch is designed for ease of dilution and homogeneous mixing. It is therefore suitable for direct addition using automatic dosing units or pre-blending.

TYPICAL PROPERTIES			
PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
Carrier	Styrene acrylonitrile copolymer	-	-
Pigment	39% jet carbon black	-	-
Compatibility	ABS, ASA, SAN, PS	-	-
Density @ 23°C	1.257	kg/m <sup>3</sup>	ISO 1183
MFI (2.2.4 kg / 230°C)	8	g/10 min	ISO 1133

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

For information on product specific storage conditions, please refer to the applicable Safety Data Sheet (SDS) available from your Cabot representative or at [cabot.com](http://cabot.com)

**CABOT**

## SDS

**CABOT** SAFETY DATA SHEET

Regulation (EC) No 1907/2006 (REACH), Article 31  
Revision date: 04-Feb-2020  
Version: 1

According to Article 31 of the Regulation (EC) No 1907/2006 (REACH), a Safety Data Sheet (SDS) must be provided for hazardous substances or mixtures. This product does not meet the classification criteria of the Regulation (EC) No 1272/2008 (CLP). Therefore this document is outside the scope of Article 31 of REACH and the requirements for content in each section do not apply.

**1. IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND OF THE COMPANY/ UNDERTAKING**

**1.1. Product Identifier**  
Product code: XP6801D  
Product name: PLASBLAK XP6801D Black Masterbatch  
Synonyms: Black Styrene Acrylonitrile Copolymer Masterbatch

**1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Recommended use: Plastics products, Coloration, Various  
Uses advised against: No information available

**1.3. Details of the supplier of the safety data sheet**  
EMEA Regional Headquarters: Cabot EMEA Business Services  
Cabot Switzerland GmbH: Center  
M&M Marketing AG: 251 Mainkuller Street  
Schiffhausen: CH-3004 Rige  
Sunderland: United Kingdom  
Tel: +41 (0) 52 630 3838  
Fax: +41 (0) 52 630 3833  
E-mail address: SDS@cabotcorp.com

Asia Pacific Regional Headquarters: Cabot China Ltd  
Cabot China Ltd: 150 Shanghai Road  
Minhang District: Shanghai 201106, China  
Tel: +86 21 5175 8800  
Fax: +86 21 5175 8800

**1.4. Emergency telephone number**  
Emergency Telephone Number: Belgium: (32) 04 346 82 11  
Dubai: (+972) 4886 3263  
Tampa: (+813) 23 3951200

**2. HAZARD IDENTIFICATION**

**2.1. Classification of the substance or mixture**  
Not a hazardous mixture according to Regulation (EC) No 1272/2008 (CLP), its various amendments and adaptations.

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# In summary: This new masterbatch has many benefits



- ◆ Break the trade-off between color and mechanical properties --- **achieve better impact properties without sacrificing color strength**
- ◆ Lower masterbatch and carbon black loadings in the final compounding providing **formulation flexibility** to meet stricter customer performance requirements
- ◆ Get the **same performance with less material** reducing handling, transport logistics and associated transportation related GHG emissions

# Further questions?

We are happy to hear from you and take you through the details.

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