

# PLASBLAK® XP6801D Black Masterbatch

Next generation masterbatch for styrenics applications

Cabot recently developed a next generation SAN (styrene acrylonitrile) masterbatch intended for styrenics applications. Targeting primarily the E&E and automotive markets, the product was designed for the coloration of ASA and ABS systems but it also works for other styrenics such as SAN and PS.

**PLASBLAK XP6801D** black masterbatch allows users to break the trade-off between color and mechanical properties by enabling better impact strength without sacrificing color strength.

At the same time, **PLASBLAK XP6801D** black masterbatch provides a significant benefit: It allows customers to reduce the masterbatch amount in their end product resulting in lower inventories, lower logistic complexity and lower cost.

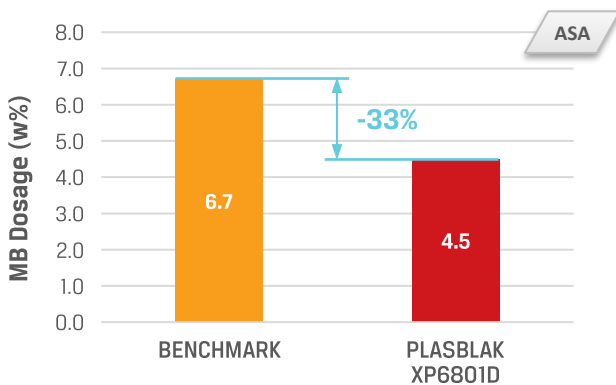
## Product attributes

**PLASBLAK XP6801D** black masterbatch delivers differentiated performance in comparison to benchmark material.

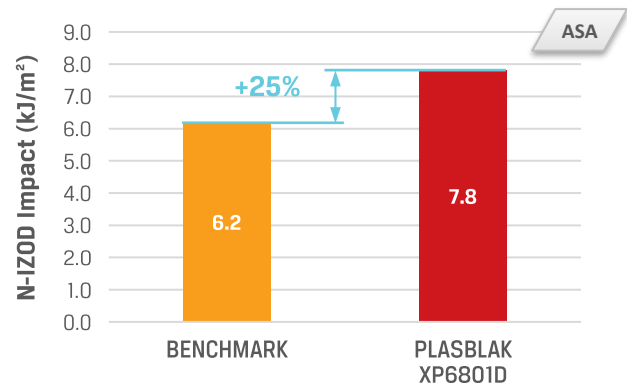
	Performance benefits	Sustainability benefits
<b>PLASBLAK XP6801D</b>	<ul style="list-style-type: none"> <li>◆ <b>More effective color</b> (50% masterbatch reduction to reach same color)</li> <li>◆ <b>Higher intrinsic UV performance</b> (despite lower masterbatch dosage, UV performance is achieved)</li> <li>◆ <b>Better mechanical performance</b> than competitive materials 25-30% improvement in impact strength</li> </ul>	<ul style="list-style-type: none"> <li>◆ <b>Reduced transportation related GHG (greenhouse gas) emissions</b> due to the lower quantity of masterbatch needed for the same amount of product</li> <li>◆ <b>Reduced inventory and handling logistics</b></li> </ul>

## Performance

**PLASBLAK XP6801D** black masterbatch delivers superior jetness and impact strength compared to benchmark material. In other words: No compromises are needed between color and mechanical properties.



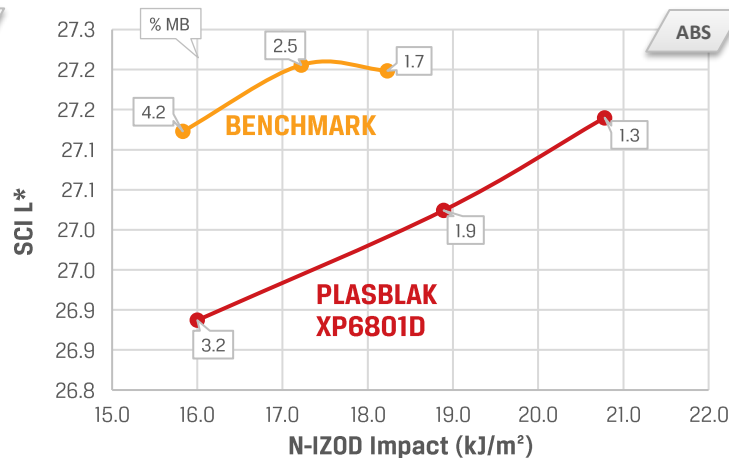
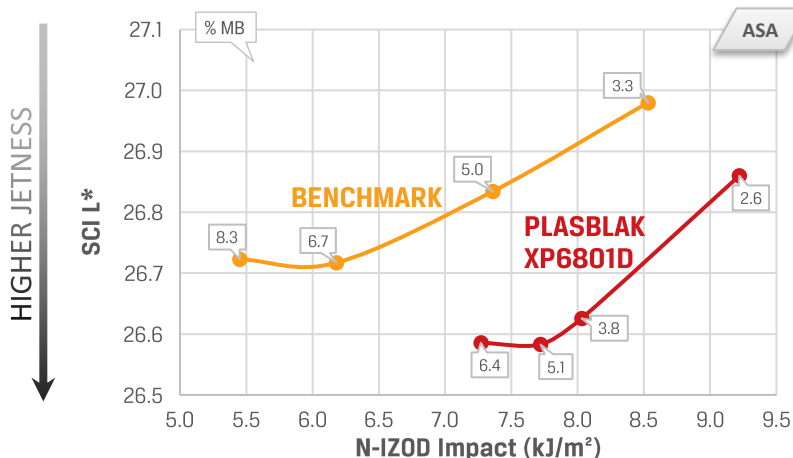
PLASBLAK XP6801D allows reduction up to 33% in MB dosage to reach color saturation



PLASBLAK XP6801D offers 25% higher impact strength at color saturation

# PLASBLAK® XP6801D Black Masterbatch

Next generation masterbatch for styrenics applications



In both ASA and ABS systems, **PLASBLAK XP6801D** black masterbatch delivers **higher jetness** while bringing **higher impact resistance**. **PLASBLAK XP6801D** black masterbatch allows to reduce the masterbatch dosage up to 50% to reach a given color target.

In summary, **PLASBLAK XP6801D** black masterbatch provides, amongst others, those features:

- ◆ Lower masterbatch dosage in the final compound provides formulation flexibility to meet stricter customers' performance requirements while preserving UV performance
- ◆ Enables comparable mechanical and color performance with less masterbatch, reducing handling and transport logistics

## Processing

**PLASBLAK XP6801D** black masterbatch is designed for ease of dilution and homogeneous mixing. It is therefore suitable for compounding or for direct addition.

## Packaging and availability

**PLASBLAK XP6801D** black masterbatch is manufactured in Europe and is available globally. The usual packaging is 25 kg plastic bags.

For more information, please contact your Cabot representative.



## Cabot: A proud history and global reach

**Cabot Corporation** is a global performance materials company, and we strive to be our customers' commercial partner of choice. We have been a leading manufacturer for more than 135 years. Our global reach enables us to partner closely with our customers to meet the highest standards for performance, quality and service.

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