



# DEEP BLACK

## Master Color



### A deeper black for PP molded products...

We developed this product from the desire to make existing molded items blacker and give them a more luxurious feel.

### DEEP BLACK for PP

- A masterbatch (MB) in which carbon black is finely dispersed in polypropylene.
- Produces a **deep** black color and beautiful, mirror-like molded products **without coarse particles**.
- Made with raw materials registered in the JCII positive list.

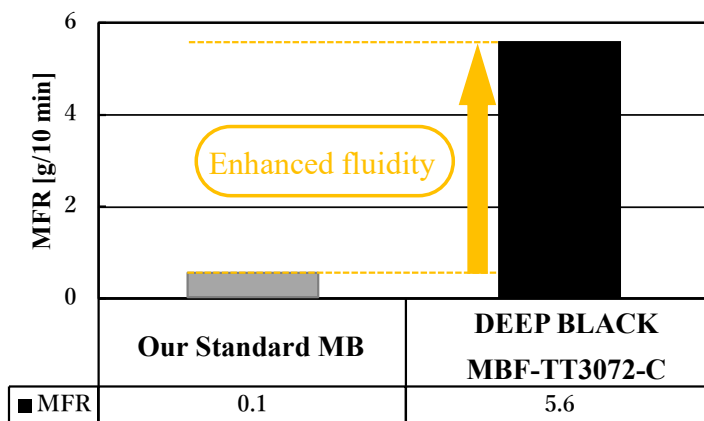
#### - Hue Evaluation

	L*	a*	b*
<b>DEEP BLACK MBF-TT3072-C</b>	<b>1.32</b>	-0.16	-0.45
Our Standard MB*	<b>2.44</b>	-0.07	-0.20

Colored Resin : Polypropylene  
 MB Addition Amount : 1 Part  
 Molding Method : Injection Molding  
 Measuring Equipment : MINOLTA CM-3600A  
 \*Olefin-Based Carbon Masterbatch

#### - Fluidity Evaluation -

Higher fluidity and dispersibility compared to our standard MB.



Measurement Conditions: Method A, 230°C, 5.0 kg

#### - Product Specifications -

Product Name	<b>DEEP BLACK MBF-TT3072-C</b>
Form	Pellet
Packaging	20 kg Paper Bag
Recommended Addition Amount	1 to 3 Parts

#### [Notes]

This data represents typical values and does not guarantee performance. Please verify adequate performance under your specific conditions of use.



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# DEEP BLACK MBF—TT3072—C

## Color Comparison Plate for Polypropylene

Our Standard MB (*)		DEEP BLACK MBF-TT3072-C	
L*	2.44	L*	1.32
a*	-0.07	a*	-0.16
b*	-0.20	b*	-0.45

\*Our Standard MB: Olefin-Based, Carbon Black Masterbatch

### [Molding Conditions]

Colored Resin	: Polypropylene
Addition Amount	: 1 Part
Molding Method	: Injection Molding
Molding Temperature	: 220°C
Mold Temperature	: 60°C

### [Color Measurement Conditions]

Measuring Equipment	: MINOLTA CM-3600A
Light Source	: D65
Field of View	: 10°
Specular Reflection	: SCE
Treatment	(Excluding Specular Reflection)

#### [Notes]

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