

ICB

TDS-Technical Data Sheet

---- Black masterbatch

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Product Name : Black masterbatch PFB40

Appearance : Black granule

Odor : Odorless

End Uses : Colorant for plastic

Black masterbatch is used for dyeing plastics, makes plastic colorful as needed.

PENGFEI black masterbatch has the following advantage:

- 1 Makes the dye dispersing uniform in plastic product:** the carrier of colorant is the same material as plastic product, when melted, the dye can be dispersed uniformly;



ICB

TDS-Technical Data Sheet

---- Black masterbatch

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- 2 Keep the dye stable:** the carrier segregates the dye with air and water, so dye can keep the original color for long time;
 - 3 Make the plastic product stable:** masterbatch has the same size as resin, you calculate the adding quantities accurately. Masterbatch will not stick on the container surface when mix with resin evenly. So the product has the stable and needed color;
 - 4 Safe to handling person:** Not dust formation, not dust stick to human body;
 - 5 Keep the environment clear, don't contaminate the vessel;**
 - 6 Easily handle, turn color easy, save time and material:**

A Main Composition

Substance	CAS No.	Weight by %
Polyethylene	9002-88-4	60
Carbon black	1333-86-4	40

B Environment friendly

This product complies with REACH regulation and ROHS;

Environmental test results:

ICB

TDS-Technical Data Sheet

---- Black masterbatch

Items	Results
Lead-Pb	N.D.
Cadmium-Cd	N.D.
Mercury-Hg	N.D.
Hexavalent chromium- Cr VI	N.D.
Polybrominated biphenyls-PBB	N.D.
Polybrominated diphenyl ethers- PBDE	N.D.
SVHCs 163items	N.D.
Phthalate	N.D.
Bisphenol A-BPA	N.D.
Polycyclic aromatic hydrocarbons-PAHs	N.D.
AZO dye 24 items	N.D.

Remark: N.D. = Not detected, PAHs detected limits=0.1 mg/kg; AZO detected limits=3 mg/kg; others detected limits=50mg/kg;

C Handling precautions:

- a Ensure good ventilation/exhaustion at the workplace;
- b Keep away from flame and heat surface
- c Use the mouth respiratory protective device
- d Wash hand after handling

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TDS-Technical Data Sheet

---- Black masterbatch

D Leakage and unprotected exposure to emergency treatment measures

Small quantities leakage: Pick up mechanically, and clean the contaminated place;

Large quantities leakage: Building bank or dig gutter to stop spread.
inform environmental protection administration.

E Storage condition

Store in a cool, dry and well-ventilation location; Keep away from foodstuff, oxidizing agent, strong acid and flammable substances. Do not exposure under the sun for long time.

In case of fire, use alcohol-resistant foam extinguishing agents.

F Disposal consideration

Small quantities of the product can be disposed together with household garbage, recycling is the best way.

Dispose large quantities of the product and container in according to the local/regional/national/ international regulation.

Please use this TDS with SDS and instruction, more information refer to SDS

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Product photo:

