



# YANGTIAN ENVIRONMENTAL MASTERBATCH CO., Limited

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Add: NO.568 B Building, HengDa Business Center, NanPu BiGui Road, PanYu District, GuangZhou City, China.

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## TECHNICAL DATA SHEET

### Food Grade Black Masterbatch 500F

#### Product description:

Black masterbatch 500F is a kind of black masterbatch designed for for food grade film or molding material. The production is made from high dispersing additives and import carbon black which is high blackness and high brightness.

#### Range of Application:

- 1.Film ( food packing bags, multilayer film, etc.)
- 2.Blow Molding ( Medical & Cosmetic container etc)
- 3.Extrusion Molding ( Water Pipe, food bottle packing etc.)
- 4.Injection Molding ( Construction, Housewares etc.)

#### Appearance:

Dim2.5MM \*Thickness 3.0MM round granule, Black

#### Performance Index:

Carrier	Virgin PE
Melting Flow Rate,(230°C/2.16kg)	50g/10min
Density(23°C)	1.45g/cm <sup>3</sup>
Tinting Strength	95-105%
Temperature Resistance	220°C
Migration Resistance	Grade 5
Light Resistance	Grade 7

#### Technical Analysis:

Items	Unit	Standard
Soak solution	/	Comply
The total amount of migration	(mg/dm <sup>2</sup> )b	≤10
Moisture Content	%	≤0.05
Pb	ppm	≤10
Decolorization test	/	Negative

#### Content:

Carbon black-50%, PE material-50%.

#### Dosage:

Suggested 1%~5%.



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### **Packing:**

25kg per bag, KP bag or PE white bag. It should be stored in a dry place.

### **Note:**

The above index is based on the testing result for reference only, not as the specific index.

