

## Black Color Master Batch

### Special High Performance Masterbatch for Plastics.

Black color masterbatch is usually applied to cast film, blow-molding film, calendering film and pipe, injection molding, pressing and other processing. Black color masterbatch is suitable for various polymers includes polyolefins (HDPE, LDPE, LLDPE, TPE, EVA, PP, PVC, etc.), and non-polyolefin (PET, PBT, PC, PA, ABS, PS, POM, etc.). Black color masterbatch is one of the most valuable functional masterbatches which can be applied to a variety of polymer colored demands while maintaining a good compatibility, dispersion and stability, as well as excellent processability.

### Product Catalogue of General-purpose Black Color Masterbatch

Name	Content of Back Pigment	Carrier	Compatible Materials	Softening Point	Light Fastness Degree	Weather Resistance Degree	Certificate	Recommended Dosage
BM8860	60%	PVC	PVC、PVC/ABS	180 ( °C )	8	8	ROHS	1-2%
BM8080	80%	PP	PP、PE	230 ( °C )	8	8	ROHS	1-3%
BM4480	80%	PS	PS、SAN、PPO	200 ( °C )	8	8	ROHS	1-2%
BM3080	80%	PBT	PET、PBT	260 ( °C )	8	8	ROHS	1-2%
BM2080	80%	ABS	ABS、ABS/PMMA	200 ( °C )	8	8	ROHS	1-2%
BM1060	60%	PC	PC、PC/ABS、PC/PBT	280 ( °C )	8	8	ROHS	1-3%
BM5070	70%	PA6	PA6、PA66、PPA	300 ( °C )	8	8	ROHS	1-3%
BM7080	80%	PPS	PPS、PPO/PPS	320 ( °C )	8	8	ROHS	1-2%

**Application:** Electronic Products, Daily Consumer Goods, Automobile Components.

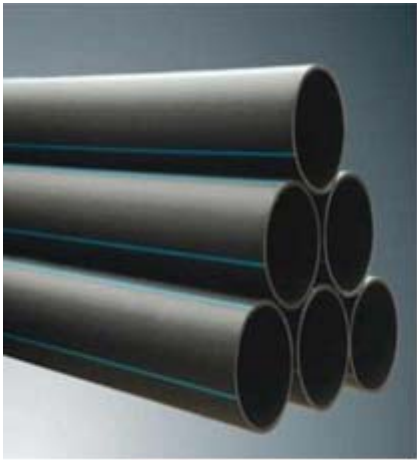


### Black Color Masterbatch Product Catalogue for Special Usage:

Name	Content of Back Pigment	Carrier	Compatible Materials	Softening Point	Light Fastness Degree	Weather Resistance Degree	Certificate	Recommended Dosage
BM8860	60%	PVC	PVC、PVC/ABS	180 ( °C )	8	8	ROHS	1-2%
BM8080	80%	PP	PP、PE	230 ( °C )	8	8	ROHS	1-3%
BM4480	80%	PS	PS、SAN、PPO	200 ( °C )	8	8	ROHS	1-2%

BM3080	80%	PBT	PET、PBT	260 ( °C )	8	8	ROHS	1-2%
BM2080	80%	ABS	ABS、ABS/PMMA	200 ( °C )	8	8	ROHS	1-2%
BM1060	60%	PC	PC、PC/ABS、PC/PBT	280 ( °C )	8	8	ROHS	1-3%
BM5070	70%	PA6	PA6、PA66、PPA	300 ( °C )	8	8	ROHS	1-3%
BM7080	80%	PPS	PPS、PPO/PPS	320 ( °C )	8	8	ROHS	1-2%

**Application:** Pipe, Cell-phone, IT Products, Daily Consumer Goods, Automobile Components.



**Product Catalogue of Multi-functional Black Color Masterbatch Series:**

Brand Name	BM1150-EC	BM1150-HG	BM1150-AB	BM1150-UV	BM1150-AS	BM1150-FL
Content of Black Pigment	50%	50%	50%	50%	50%	50%
Usage	PP、PS、ABS、PE、PA	ABS、HIPS、PP、PE、PS	ABS、HIPS、PP、PE、PS	ABS、HIPS、PP、PE	ABS、HIPS、PP、PE、PS	ABS、HIPS、PP、PE、PS
Function	Electrical Conductivity	Brightening	Anti-bacteria	Weather Resistance	Anti-static	Fragrance
Properties	The resistance strength of material surface will remain around 105Ω when adding amount is 25 wt%	—	Sterilizing rate of Escherichia coli and Staphylococcus aureus is ≥95% in 20 min	The major mechanical properties maintain above 90% after 3500 artificial accelerated aging tests	The surface resistance strength reaches to 108-1012Ω	Lasting fragrance, no other smell

Softening Point	250 ( °C )	250 ( °C )	250 ( °C )	250 ( °C )	250 ( °C )	250 ( °C )
Weather Resistance Degree	8	8	8	8	8	8
Light Fastness Degree	8	8	8	8	8	8
Certificate	ROHS	ROHS	ROHS	ROHS	ROHS	ROHS
Recommended Dosage	25-30%	2-6%	2-6%	2-8%	1-8%	2-6%

**Application:** Cell-phone Components, IT Products, Daily Consumer Goods, Automobile Components, Kids Toys.

