



FOSHAN YAOJUN PLASTIC CO., LTD

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Tel: +86-757-28108986 Web: <http://www.yaojunplastic.com> <http://sdyjsl.en.made-in-china.com> E-mail: genni@yaojunplastic.com

Technical Data Sheet

Product name: **WH0102-White Masterbatch**

Technical Data	Test Method	Unit	Values
Appearance	-	-	Regular pellets
Color	-	-	Ice white
Density (23℃)	ASTM D792	g/cm ³	2.0
Moisture Content (105℃)	-	-	< 0.15%
Melting Point	-	-	120℃
MFI (21.6kg/190℃)	ASTM D1238	g/10 min	10

Composition	
Pigment Content	40%
Filler Content	-
Additives	PE Wax
Resin Carrier	LLDPE

Usage	
Application Range	HDPE, LDPE, LLDPE, PP
Recommended application	Film, extrusion, injection, blow molding
Proposed Addition Ratio	2%- 6%
Addition method	Direct addition or premix in blender

Remark:

1. WH0102 is highly concentrated white masterbatch, it shows very good tinting, good dispersion performance, easy opening and meets food-safety standards.
2. WH0102 is use for ordinary film product, disposable food packaging material and small commodities.
3. WH0102 is available in 25 kg PE-bags. It should be stored in dry, well ventilated indoor places.



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Technical Data Sheet

Product name: **WH0103-White Masterbatch**

Technical Data	Test Method	Unit	Values
Appearance	-	-	Regular pellets
Color	-	-	Ice white
Density (23℃)	ASTM D792	g/cm ³	2.0
Moisture Content (105℃)	-	-	< 0.15%
Melting Point	-	-	120℃
MFI (21.6kg/190℃)	ASTM D1238	g/10 min	10

Composition	
Pigment Content	70%
Filler Content	None
Additives	PE Wax
Resin Carrier	LLDPE

Usage	
Application Range	HDPE, LDPE, LLDPE, PP
Recommended application	Film, extrusion, injection, blow molding
Proposed Addition Ratio	2%- 6%
Addition method	Direct addition or premix in blender

Remark:

1. WH0103 is highly concentrated white masterbatch without fillers or whiteners, it shows very good tinting, good dispersion performance, easy opening and meets food-safety standards.
2. WH0103 is recommended for high end film application and food packaging where printing will be applied to the final product.
3. WH0103 is available in 25 kg PE-bags. It should be stored in dry, well ventilated indoor places.



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Technical Data Sheet

Product name: **OG0101**-Orange Masterbatch

Technical Data	Test Method	Unit	Values
Appearance	-	-	Regular pellets
Color	-	-	Orange
Density (23℃)	ASTM D792	g/cm ³	1.08
Moisture Content (105℃)	-	-	< 0.2%
Melting Point	-	-	120℃
MFI (21.6kg/190℃)	ASTM D1238	g/10 min	16

Composition	
Pigment Content	32.6%
Filler Content	20% (CaCo3)
Additives	PE Wax
Resin Carrier	LLDPE

Usage	
Application Range	PE, PP, PVC
Recommended application	Film, injection, blow molding
Proposed Addition Ratio	1%- 8%
Addition method	Direct addition or premix in blender

Remark:

- OG0101 is high quality organic pigment orange masterbatch, it shows very good tinting, good dispersion performance, and meets food-safety standards.
- OG0101 is use for high quality film product and food packaging material.
- OG0101 is available in 25 kg PE-bags. It should be stored in dry, well ventilated indoor places.



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Technical Data Sheet

Product name: **BK0202-Black Masterbatch**

Technical Data	Test Method	Unit	Values
Appearance	-	-	Regular pellets
Color	-	-	Black
Density (23℃)	ASTM D792	g/cm ³	1.04
Moisture Content (105℃)	-	-	< 0.03%
Melting Point	-	-	120℃
MFI (21.6kg/190℃)	ASTM D1238	g/ min	14

Composition	
Pigment Content	40% (Carbon Black)
Filler Content	10% (CaCo ³)
Additives	PE Wax
Resin Carrier	LLDPE

Usage	
Application Range	PE, PP, PS, PA, PC, ABS
Recommended application	Injection, Granulation, Blown Film
Proposed Addition Ratio	1%- 4%
Addition method	Direct addition or premix in blender

Remark:

- BK0202 is widely applied to injection, granulation and blown film of various resins such as PA, PC, ABS, PS, PP, PE and so on. And those high blackness and blue-tone-requirement products.
- BK0202 is available in 25 kg PE-bags. It should be stored in dry, well ventilated indoor places.
- BK0202 is made from selected excellent imported high pigment carbon black, LLDPE and additives through mixer and two stage twin&single screw extruder, which are in line with EN71 non-toxic heavy metal standards. It can pass the tests of RoHS, PAHs, REACH, Halogen and so on. The products are characterized by higher coloring ability, high surface brilliance and have strong dispersion capabilities.