

E-LUCK Black Masterbatch

PRODUCT CATALOG · 2026 EDITION

Zoe Lin · Export Sales

zoe@masterbatchsource.com

Phone / WhatsApp: +86 133 8067 5268 (@eluckmasterbatch)

masterbatchsource.com

THE FACTORY

Guangdong Yijuyuan Plastics Technology Co., Ltd. (E-LUCK) has manufactured black masterbatch in Huizhou, China since 2010. MasterbatchSource is our international sales presence — overseas buyers work with us **factory-direct**: no trading-company markup, technical answers straight from the people who run the lines, and one accountable supplier from sample to container.

2010

ESTABLISHED

20,000 m²

PLANT AREA

12 lines

EXTRUSION
CAPACITY

60,000 t/yr

MASTERBATCH
OUTPUT

30+

EXPORT COUNTRIES

10–15 days

TYPICAL LEAD TIME

WHY BUYERS STAY

- **Factory-direct pricing** — quoted by the manufacturer, not a middleman
- **Free samples** for testing before you commit a PO (5–7 days)
- **Lot traceability** — CoA with every shipment; IATF 16949 discipline
- **Spec confidentiality** — your formulations are never shared
- **English-speaking engineering support** from the plant
- **Made-to-order loadings** — carbon black % tuned to your process

CERTIFIED & AUDITED

- IATF 16949:2016 — automotive quality management
- ISO 9001 / ISO 14001 / ISO 45001
- China National High-Tech Enterprise
- CPPIA Top-10 functional masterbatch producer
- Guangdong Innovative SME
- Huizhou Engineering Research Center · SCUT industry-academia partner

WHAT WE MAKE

Black masterbatch for PE, PP and engineering resins across film blowing, injection molding, pipe extrusion and compounding. Twelve standard grades ship on a one-page TDS (overleaf); custom loadings, carriers and food-contact formulations are made to order.

Film · stretch, food packaging, mulch, silage

Pipe · water supply, sewer & drainage

Injection · appliances, household, automotive

Geomembrane · UV-stable lining

Compounding · twin-screw PP / PE black bases

Engineering resins · ABS / PS / PC

Food contact · packaging & tableware grades

Get a quote in **one working day**

Email zoe@masterbatchsource.com
or submit the inquiry form at masterbatchsource.com

Standard Grade Chart

TYPICAL VALUES · FULL TDS AVAILABLE ON REQUEST

zoe@masterbatchsource.com

WhatsApp +86 133 8067 5268 · @eluckmasterbatch

GRADE	CARBON BLACK	CARRIER	ASH	MFR	MOISTURE	TYPICAL APPLICATIONS
CM50	47% ±2	PE	<1% (unfilled)	> 10 g/10 min (10 kg)	<0.50%	Stretch film, food packaging film, silage film, geomembrane
N4066	46% ±2	PE	<1% (unfilled)	> 10 g/10 min (21.6 kg)	<0.30%	High-hiding thin mulch film (<15 µm), protective bags, co-ex black layer
Y07B	45% ±2	Carrier-free + CaCO ₃	<10%	> 1 g/10 min (21.6 kg)	<0.50%	PP / PE black compounding on twin-screw lines COST
AM4018	40% ±2	PE + CaCO ₃	<19%	> 10 g/10 min (21.6 kg)	<0.50%	Food-contact light-shielding packaging film FOOD
AM3910	40% ±2	PE + CaCO ₃	<11%	> 10 g/10 min (21.6 kg)	<0.50%	Food-contact tableware, meal boxes, cutlery FOOD
PP103	40% ±2	PE (MFR-matched for PP)	<12%	> 10 g/10 min (21.6 kg)	<0.50%	PP injection molding — appliance casing, household articles
PP30F	30% ±2	PP	<1% (unfilled)	> 10 g/10 min (21.6 kg)	<0.50%	All-PP systems — GFPP, toughened PP, recycled PP RECYCLABLE
508C	13% ±2	PE + CaCO ₃ (~56%)	<69%	> 1 g/10 min (21.6 kg)	<0.50%	Sewer & drainage pipe — cost-optimized black
6045	10% ±2	PE (unfilled)	<1%	> 10 g/10 min (20 kg)	<0.50%	Water-supply pipe, trimming pre-colored PE compounds WATER SAFE
H6045	~45%	PE (unfilled)	clean grade	on request	<0.50%	Pipe needing full UV protection from the masterbatch alone UV
HP wax	50%	Polymer wax	none	75.5 g/21.6 kg/10 min	0.27%	Universal — PE, PP, PC, PS, ABS; ultra-high flow
SY-65	65%	Carrier-free	<10% (CB only)	on request	<0.50%	ABS / PS / PC engineering-resin modification

NOT LISTED?

E148J, 6005, A104E and other grades exist in our range. If the chart does not show your required specification — carbon black content, carrier system, food-contact approval, UV package — send us the target spec or the grade name you use today and we will match it.

TRADE TERMS SNAPSHOT

- **MOQ:** 1 ton per grade for standard grades; trial quantities negotiable
- **Packaging:** 25 kg bags on pallets; FIBC on request
- **Lead time:** 10–15 days after spec confirmation · samples 5–7 days
- **Shipping:** FOB Shenzhen / Guangzhou · CFR & CIF on request
- **Documents:** CoA per lot, TDS, and certification copies on request
- **Response:** written quotes within one working day

Send your spec to zoe@masterbatchsource.com

Full TDS & free sample available
for every grade on this page