

One-up's Catalogue of Products Under Agency

Brand name	Product type	Product series	Recommended grade
 邱博 (Huber)	Mineral fire retardants	Aluminum hydroxide Martinal-OL	OL-104LEO / OL-104IO / OL-107LEO
		Aluminum hydroxide Martinal-ON	ON-310S / ON-313S / ON-908
		Magnesium hydroxide Magnifin	H-5 / H-5IV
	Smoke suppressants	Molybdate Smoke suppressant Kengard	911C / 911B / MZM
	Phosphorus - Nitrogen fire retardants	Safire	Safire400
	Flexibilizers/compatibilizers	Lotader	AX8900 / AX8750
		Lotryl	35BA40(T) / 29MA03T
		Orevac	CA100 / 18341
 <i>Excellence in Oleochemicals</i>	Lubricants/dispersants	PETS	PALMESTER 3976
		EBS	PALMOWAX SP
 富士ケミカル株式会社 Fuji Chemical Industries, Ltd. 富士化工 (FujiChem)	Antibacterial agents	Certified by EPA/FDA	BM-102SD / BM-103NA(5)
		Recommended for injection molding	BM-102TG / BM-102VT / BM-602FA
		Recommended for spinning processing	BM-102CL / BM-103CK(KAI)
		Recommended for film processing	BM-103NA(5) / BM-102TG
		Recommended for coat processing	BM-102SVP01 (aqueous) BM-102SVP02 (non-aqueous)
 沃科博 (Voelpker)	Montan wax lubricants	Waradur	E wax / OP wax
 舒伦克 (Schlenk)	Metal paints		



Common Additives

Product name	Grade	Recommended use
Powder engineering plastics	PA6-2.0P	Best dilution materials for trace additives, other resin powders available (PA66/PBT/PET/PC/AS).
Titanium dioxide particle	CCT-85DB	High concentration (85%), TiO2 functional masterbatch for LED anti-dazzling screen and film
Carbon black masterbatch particle	MBF-100	50% less than the common black masterbatch
	PCB-20E	20% conductive carbon black masterbatch, PP carrier
	PCB-35	Common type with light smell
	GCB-45	Common cost-effective type
	NCB-11A	Black masterbatch for glass fiber reinforcing nylon (with anti-fiber losing function), nylon 6 carrier
	ACB-27S	AS carrier, especially for highlight ABS, PC/ABS. Amount added: 1-2%
Particle carbon nanotube	NET-15A/B	Easy-to-use special carrier with strong dispersibility for nylon/PBT.
MAH graft modification	WEK-108	Enforce nylon flexibility; easily compatible with nylon. Amount added: 3-20% (nylon with super flexibility).
	WEK-206	Enforce glass fiber of PP; filled PP with mineral. Amount added: 3-15%
	WEK-302	Applicable to low smoke zero halogen cables and wooden and plastic composite materials to improve the compatibility between resin and filler.
Organic silicon process agent	MLS-0803E	Super high molecular weight silicones; applicable to cables, nylon, etc. Amount added: 0.5-3.0%
DBDPE	FE-03	Concentration: 90%; special carrier and dispersant/ 1:1 substitute powder (<i>user needs to check in person</i>)
Organic hypophosphorous acid	NFP-100	Carrier free loose pure hypophosphorous acid particle; applicable to zero halogen anti-flaming resolution of various thermoplastics.



Functional Masterbatch for PBT and PET

Classification	Product name	Grade	Recommended use
Bromine series	Brominated epoxy composite masterbatch	CFM-13GW	High glow filament temperature. PBT/GF/MB=40/30/30
		CFM-23/C	High heat resistance/cost effective. PBT/GF/MB=55/30/15
Zero halogen	Particle MCA	CFN-80	80%MCA; Ethylene copolymer carrier, solving the material feeding problem.
Antimony masterbatch	ATO masterbatch	FA-03(F)	Concentration: 90%; special carrier and dispersant/1:1 substitute powder(<i>user needs to check in person</i>)
		CFA-55B(F)	Economic compound antimony; effective total concentration: 90%; low cost and high performance
		NFA-80B	Concentration: 80%; PBT carrier.
	Sodium antimonate masterbatch	FNA-80	Concentration: 80%; special carrier for PET/PC; high performance
Functional masterbatch	High temperature and yellowing resistant antioxidant	MAO-1012B	Added in injection molding to maintain optimal performance. Contains special lubricant; amount added: 4%.
	Copolymer-flexibilizer	MTG-08B	Ethylene copolymer with high GMA content, the best choice for polyester with super flexibility and polyester alloy.
		MTG-05B	Ethylene copolymer with normal GMA content; copolymer flexibilizer. Recommended amount: 1%
	Copolymer-compatibilizer	ETB-21	Ethylene-acrylate copolymer. Recommended amount: 3-5% (to improve product softness)



Functional Masterbatch for PA

Classification	Product name	Grade	Recommended use
Bromine series	Decabromo/ATO composite masterbatch	CFM-10A	Carrier for nylon compatibilizer; high liquidity; PA66/GF/MB=50/30/20
	BPS/ATO composite masterbatch	MFM-31	Applicable to nylon 66; balanced liquidity; PA66/GF/MB=42/30/28
Antimony	ATO masterbatch	NFA-80A	Concentration: 80%; nylon 6 carrier
Zero halogen	MCA masterbatch	NFN-45A	45% MCA; nylon 6 carrier; high liquidity; applicable to corrugated pipe extrusion
	Organic hypophosphorous acid masterbatch	NFP-70M	Nylon 6 carrier; hypophosphorous acid masterbatch; special dispersant; easy to process
Functional masterbatch	Super liquidity agent	MLH-18A6	Super dispersant for high strength glass fiber and high strength filler nylon 6. Amount added: 1-2%
	High temperature and yellowing resistant antioxidant	MAO-9812A	Added in plastic injection to maintain optimal performance. Contains special lubricant; amount added: 4%.

Antimony Masterbatch for Rubber

Classification	Product name	Grade	Recommended use
Antimony	ATO	RFA-90	EPDM carrier



Functional Masterbatch for PC, ABS, PC/ABS and HIPS

Classification	Product name	Grade	Recommended use
Bromine series	Bromotriazine composite masterbatch	CFM-245	PC/ABS(V-0), common ABS:MB=75:25
Zero halogen	Zero halogen anti-flaming masterbatch	BDP-45C	BDP high concentration/high effective masterbatch; PC carrier. PC:ABS:MB=55:15:30
	Zero halogen anti-flaming and anti-dazzling masterbatch	NFT-75CF	PC carrier; anti-dazzling; GWFI >850° C (can be directly used in injection molding)
Functional masterbatch	Super high molecular weight silicon masterbatch	NLS-30C	PC carrier; improving surface quality; easy to demold; reducing molding period. Amount added: 0.5-3.0%

Functional Masterbatch for Cables (Low Smoke Zero Halogen)

Classification	Product name	Grade	Recommended use
Bromine and antimony	Decabromo/ATO composite masterbatch	NFM-10SG	EVA carrier; composite concentration: 85%; special surface treatment powder to improve linear speed and surface quality of products; with excellent water resistance.



Functional Masterbatch for PP and PE

Classification	Product name	Grade	Recommended use
Bromine anti-flaming masterbatch	DBDPE/ATO composite masterbatch	PFM-6020	V-0 fire retardant; high liquidity, low addition, high modulus. Amount added: 30%, with talcum powder or glass fiber (20-30 pieces)
	BT-93W composite masterbatch	CFM-93	High weather resistance, best heat resistance; applicable to processes with processing temperature exceeding 300°C.
Antimony	ATO masterbatch	NFA-80P	80% concentration, PP carrier
Low halogen	Bromine - Nitrogen highly effective masterbatch	NFP-45P	V-2 fire retardant; common type. PP (homopolymer): 4-6 pieces; PP (copolymer): 9-18 pieces.
Zero halogen	Intumescent fire retardant	PPF-71K	V-0 fire retardant; phosphorus and nitrogen zero halogen intumescent fire retardant. PP/MB=75/25 (can be used in plastic injection directly).
Functional masterbatch	Process agent	WP-5000	Expanded PP process window; applicable to non-woven cloth; two-way stretching and high filler content masterbatch, hot melt adhesive
	Antibacterial masterbatch	BAP-103CL20	Inhibiting the proliferation of bacteria in PP non-woven fabrics and suppressing the release of peculiar odors.
	Anti- thermo oxidative aging masterbatch	YS-0400	High efficiency compound anti- thermo oxidative aging masterbatch; specially designed for auto; valid for 400 hrs (700 hrs in 150°C).
		YS-1000	Super efficiency compound anti- thermo oxidative aging masterbatch; specially designed for auto; valid for 1,000 hrs (2,000 hrs in 150°C).

Antimony Masterbatch for PVC

Classification	Product name	Grade	Recommended use
Antimony	ATO	NFA-85V	PVC carrier of particle size (1.0-2.0mm) and various concentrations.



Antibacterial Masterbatch

Applicable resin	Processing mode	Use case	Grade	Features
PE	Injection molding	Chopping block	BME-102TG20	Strong dispersibility without easy agglomeration
	Film processing	Food packaging film	BAE-103NA10	Certified by FDA
PP	Injection molding	Toilet seat	BZP-102VT20	Anti-tarnish, applicable to white and light-colore products
	Injection molding	Toilet seat	BMP-502FA20	Anti-tarnish, applicable to white and light-colored products
	Injection molding	Storage box	BMP-502DI20	Transparent
	Injection molding	Chopping block	BMP-102TG20	Strong dispersibility without easy agglomeration
	Spinning	Spun-bond non-woven fabric	BAP-103CL20	Strong dispersibility and continuity
	Spinning	Melt blown non-woven fabric	BAP-103CKK20	Strong dispersibility and continuity
PPR	Extrusion	Water pipe	BMP-102SD20W	Certified by FDA
ABS	Injection molding	Gamepad	BZA-102VT20	Anti-tarnish, applicable to white and light color product
	Injection molding	Doornob	BMA-102SD20	Certified by FDA
	Injection molding	Dust cup and water tank	BAAB-503DJ05	Transparent
GPPS	Injection molding	Fruit box and drawer in refrigerator	BMGPPS-103GC05	Transparent
HIPS	Vacuum forming	AC base	BMPS-102TG20	Strong dispersibility without easy agglomeration
PCTG	Injection molding	Cold water cup	BATG-502DG05	Transparent and hydrolytic resistance
PC	Injection molding	Electronic appliance	BAPC-103GB05	Transparent
PBT	Spinning	Cosmetic brush thread and tooth brush thread	BABT-103NA10W	Strong dispersibility; certified by FDA
PA	Addictive forming	Antibacterial part in air humidifier	BAPA-502B40	Use directly