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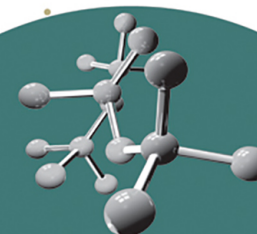
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Inner Mongolia Factory



Metallic Stearate
Plastic & Coating
Additives



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Who we are?

- Public company NEEQ:831750
- The largest metallic stearates producer in Asian market
- We are in this industry since 1996
- ISO22000/ISO9001/ISO14001/ISO45001/REACH
- head office+5 factories+ 5 selling offices + 3 labs +distributors
- ANNUAL CAPACITY: METALLIC STEARATE: 110,000MT
PVC CO-STABILIZER: 6000MT
SYNTHETIC WAX: 12000MT
WATERBASED ACRYLIC RESINS: 12000MT
OTHERS: 1000MT

What we do?

- Metallic Stearates and other related products for petrochemicals , plastics, rubbers, construction, paper,etc.
- Wood paint : zinc stearate,zinc stearate dispersion,Water-based acrylic emulsion,etc.
- Plastic additives: hydrotalcite,FT-wax,co-stabilizer, GMS, etc.

What we promise?

- Stable raw materials supply
- Reliable tracing system
- Strict Quality Control
- Advanced laboratory for performance test

Where we go?

- To be the most professional metallic stearates producer in the world
- To be the leading manufacturer of additives in PVC processing and resin polymerization.
- To be one-stop servicer for plastic ,rubber and coating industries.
- To be the reliable supplier in comestic, pharmaceutical, daily chemical industries,etc



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Petrochemical Additives

Nucleating Agent—BLK7988

Used in PP, PE film to improve the transparency, the glossiness, strength and mechanical property.

Specification: melting point: $\geq 265^{\circ}\text{C}$, recommended dosage:0.1-0.3%

Package: 10kg/bag

Anti-blocking Agent- SED

Used as anti-caking agent in PVC resin dispersing, rubber proccession and latex gloves, etc

Code	Solid content (%)	Viscosity (25°)	Application
SED-1	50 \pm 2	50-200	rubber
SED-2	40 \pm 2	50-200	PVC
SED-3	30 \pm 2	50-200	rubber
SED-4	40 \pm 2	≤ 1200	gloves

Package: 200/1000L/drum

Acid Scavenger —Hydrotalcite GZ-838

Used as the acid-absorber in PP polymerization

Specification	
Mol Ratio($\text{MgO}/\text{Al}_2\text{O}_3$)	4.0-5.0
Whiteness (L value)	$\geq 97\%$
Loss on Heat(%)	$\leq 1.0\%$
Refractive	1.49-1.51
Particle Size	50-400 μ

Package: 20KG/bag



Auxiliary additives to PVC heat stabilizer

Product Name	Code	Appearance	Metal content %	Moisture %
Ca AcAc	BS-601	White /pale yellow powder	16-19	≤1.2
Zn AcAc	BS-608	White /pale yellow powder	23-26	
Zn P-Ter-Butyl Benzoate	BS-611	White /pale yellow powder	14-16	≤2.0
Zinc Benzoate	BS-612	White /pale yellow powder		≤2.0
Hydrotalcite	BS-818	White powder		
Hydrotalcite	BS-198			≤1.0
Mono pentaerythritol	BS-614	White powder	90min.	
Di-pentaerythritol	BS-616	White powder	85min.	≤1.0
Uracil	BS-602	Pale yellow powder		≤1.0
SBM	BS-617	Yellow powder	97min.	≤1.0
DBM	BS-619	Yellow powder	70min.	≤1.0



Fineness	Advantage	Application	Dosage
325 mesh	Good initial color with long term heat stability	Soft/rigid	3-10%
325 mesh	Good initial coloring and weather resistance	Soft /rigid	2-5%
200mesh	Good initial coloring and stability	Transparent PVC	1-5%
200mesh	Good initial coloring and stability	Transparent PVC	1-5%
400mesh	Long term stability	Soft/rigid	
	Long term stability		
400 mesh	Long term stability		3-8%
400 mesh	Long term stability		2-10%
	Long term stability		≤1.0
	Initial coloring		≤1.0
	Initial coloring		≤1.0





Fischer-Tropsch Luricant(Synthetic Wax)

Technical Data Sheet

Type	Shape	Drop point (°C)	Viscosity at 140°C	Needle penetration at 25°C
B-113A	Bead	100-110	10-20	< 2.0
T-2	Fine bead	≥90	5-15	< 2.0
H-110	Fine bead	110-120	15-35	< 1.0
B-1	Bead	105-115	10-20	< 1.0
B-80	Fine bead	110-120	≥30	< 1.0
T-3	Bead	≥90	5-15	< 2.0
H-115	Fine bead	110-120	5-15	< 2.0
A-106	Powder	115-125	≥500	< 1.0
B-100	powder	95-105	10-20	< 2.0
Y-200	Bead	95-105	5-15	< 1.0
Y-300	Bead	115-130	200-300	< 1.0
Y-1000	Bead	120-130	≥10000	< 1.0

Ethylene Bis Stearamide

Type	Shape	Drop point (°C)	Amine value (mgKOH/g)	Amine value (mgKOH/g)	Ash content (%)	Heating loss (%)
MT-20	Fine bead	140-146	≤10	≤3.0	≤0.5	≤0.5
MT-20A	Powder	140-146	≤10	≤3.0	≤0.5	≤0.5



Recommended Application

Code	Stabilizer	Road mark paint	Hot Melt Adhesive	PVC Pipe	PVC FIFTING/PROFILE	SPC/WPC	Petrochemical ABS/PS/PP	Master batch	Engineering plastic	Powder coating	Wax emulsion
B-113A	+++				+++	+++		++		+++	
T-2	+++	+	+	+++	+					++	
H-110		+++									
B-1	+++		+++	+++	+++					+++	
B-80				+++	+++			+++			
T-3	+++	+	+	+++	+					++	
H-115	+++			+++		+++					
A-106				+	+	+		+++	+++		+++
B-100	+++	++	+++							+++	
Y-200	+++			+++	+++	+++					+++
Y-300	+++			+++	+++	+++					+++
Y-1000	+++			+++	+++	+++					+++
EBS	+++						+++	+++	+++		

Strongly Recommended: +++

Recommended: ++

Applicable: +

Sanding Agent for Wood Paint

Zinc stearate, with good sanding, easy dispersing & de-foaming and transparent property, popularly used in PE/PU/NC paint, as well as paper and construction industries.

SPECIFICATIONS

ITEM	APPLICATION
BT-1829	good sanding and transparent property in PE/PU/NC
BT-1826	good transparency
BT-1825	white based primer
BT-1828(emulsion)	water based wood paint
BT-1848	emulsion for paper



Nucleating Agent for Polyolefin

BELIKE nucleating agent is a kind of functional additive to improve product’s physical and mechanical properties. It is suitable for the incomplete crystalline plastics such as polyethylene (PE) and polypropylene (PP), etc. By changing the crystallization behavior of the resin, it accelerates the product’s crystallization rate, increases the crystal density and promotes the miniaturization of the grain size, thereby shortening the molding cycle and improving the transparency, surface gloss, tensile strength, rigidity, heat distortion temperature, impact resistance, and the creep resistance.

Type	Model	Feature	Application Property
Sorbitols Nucleating Agent	BLK-7988	Excellent transparency effect, high nucleation efficiency, strong stability, and good cost-effectiveness.	Suitable for the variety of PP films, sheets and injection molded products’ anti-reflection and modification.
	BLK-7980	Blue phase anti-reflection agent, good anti-reflection and aesthetic effect.	Suitable for the variety of PP films of package, sheets and injection molded products’ anti-reflection and modification.
Aryl Phosphate Salt Nucleating Agent	BLK-7986	High rigidity, high heat resistance and to improve product’s transparency and gloss.	High-rigidity PP special materials, transparent injection molded products, automotive PP accessories, disposable syringes and other modified products.
	BLK-7981	Significantly improve the rigidity and heat resistance of the product, and at the same time, to improve the transparency, surface gloss, rigidity and toughness balance of the product. Good cost-effectiveness.	High-rigidity PP special materials, etc.
	BLK-7987	High performance phosphate ester salt nucleating agent. At low addition amounts, significantly shorten the molding cycle and give PP resin good rigidity, heat deformation resistance and surface gloss.	PP high rigidity and heat-resistant special materials and modified products (such as packaging containers, home appliance casings, washing machine inner barrels, vehicle accessories, etc.)
Aromatic Carboxylic Acid Soap Nucleating Agent	BLK-7983	Balanced strength and toughness. Good balance in surface gloss, flexural modulus, impact strength and heat distortion temperature. Good cost-effectiveness.	Gloss enhancement of home appliance shells, impact resistance of PPR pipes, and other fields of enhanced modification.
Alicyclic Dicarboxylic Acid Soap Nucleating Agent	BLK-7984	Especially suitable for PP thin-walled injection molding materials. It has low onset concentration, short semi-crystallization time, shortens the molding cycle, prevents warpage and deformation, and shows good stiffness, impact resistance, anti-reflection and heat deformation resistance. Also also has a good nucleation effect on polyethylene resins such as HDPE and LLDPE.	Mainly used in PP thin-walled or large-size injection molded products, PE films and injection molded products.
	BLK-7900	Blue phase of BLK-7984. To improve PP thin-walled injection molded products’ transparency and aesthetics.	Mainly used in PP thin-walled or large-size injection molded products, PE films and injection molded products.
Polypropylene Beta(β) Crystal Nucleating Agent	BLK-7985	Aromatic bisamide polypropylene β crystal form nucleating agent. Stable structure and high β crystal form conversion rate, which can effectively improve the impact strength, heat distortion temperature and microporosity of PP products.	PP-R pipes, injection molded products, geogrids and the separator preparation of lithium battery under dry process.



Metallic Stearates (Vegetable origin products)

Application:

- I** .Main raw materials for PVC heat stabilizer
- II** .Lubricant for plastic like EVA, SMC/BMC, Masterbatch, Engineering plastic, etc
- III** .Acid scavenger for petrochemical products
- IV** .Hydrophobic agent for construction
- V** .Lubricant for paper
- VII** .Anti-caking agent for latex,rubber

Product	Product Code	Appearance	Metal content	Moisture	FFA
ZN ST	BS-2818A	Powder	10.3-11.3	≤0.8	≤0.8
ZN ST	BS-2818G	Bead	10.3-11.3	≤0.8	≤0.8
ZN LA	2812	Powder	13.5-15.5	≤2.0	≤2.0
CA ST	BS-3818A	Powder	6.5±0.6	≤3.0	≤0.5
CA LA	3812	Powder	7.5-8.5	≤1.5	≤4.0
MG ST	5818	Powder	4.0-5.0	≤3.0	≤2.0
AL ST	8818	Powder	4.0-5.0	≤1.0	≤8.0
CA ST	1838	Emulsion	2.0-3.0	-	-
ZN-MS	1408	Powder	12.0-13.0	1.0	1.0



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Application Reference

Application	Product	PVC	PET/PBT	POLYOLEFINS PE/LLDPE/PP	SINTERING	POLYURETHENE	POLYETHYLENE	ABS	POLYSTYRENE	POLYESTER SMC-BMC	STABILIZER	RUBBER	PAPER	ADHESIVE	BUILDING	POLYCARBONATES	POLYAMIDE	ADESIVES	PAINTS	FIRE-FIGHTING	METALLURGY	LUBRICANT	OIL DRILLING	WOOD PLASTIC
Zinc stearate BS-2818					●	●	●		●	●	●	●		●	●						●	●		
Zinc Stearate BT-																		●	●					
Zinc Stearate Dispersion																			●					
Zinc Laurate		●								●												●		
Calcium Stearate BS-3818		●		●					●	●	●				●		●	●	●	●				
Calcium Stearate Dispersion											●	●			●		●	●						
Calcium Laurate		●							●													●		
Magnesium Stearate								●	●			●			●					●				
Aluminum Stearate															●							●	●	
WPC Lubricant E40/80/90																								●
Monopenta										●														
Dipenta										●														
Co-stabilizer MT-360/361			●			●				●							●	●						
Hydrotalcite		●	●	●																				
Hydrotalcite 838				●																				
WAX		●	●	●		●		●	●	●	●	●										●		
P-Tert-Butyl Benzoic Acid-Zn BS-611										●														
Calcium Acetylacetonate BS-601										●														
Zinc Benzoate BS-612										●														
Zinc Acetylacetonate BS-608										●														
EBS		●		●			●		●	●	●					●						●		
Calcium laurate										●														
mono/dipenta										●														
Zinc Myristate										●														

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Typical Customer List

• Plastic Field

• Coating Field

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Application Reference Customer List