



Introduction of Association

China Synthetic Resin Supply and Sale Association (CSRA) is consisted of enterprises and facilities who are mainly engaged in producing, research, manufacturing, processing, trade, logistics for polyolefin, thermosetting resin, functional resin, engineering plastics, modified and application resin, plastic additive and etc. The Association represents the overall interests of the industry, to provide services for synthetic resin enterprises as well as its upstream and downstream production and processing enterprises, research institutes, business groups and foreign enterprises in China based on the principle of the public, fair, and open and makes efforts to promote the health and sustainable development for the industry.

CSRA consists of different professional branch based on industry divisions, including: Polyolefin Committee、Epoxy resin Committee、Phenolic resin Committee、Unsaturated resin Committee、Engineering plastics Committee、Special Engineering plastics Committee、Functional resin Committee、Polyamide Committee、ABS Committee、Resin modified with alloying Committee、Modified and application resin Committee、Resin additive Committee、Environmentally friendly materials Committee、The resin supply chain Committee、Platinum Net Supply and Sale Committee etc.

The Association has over 500 member companies, which includes Bayer, BASF, ExxonMobil, Celanese, Polyplastics, Teijin, PetroChina, Sinopec, Kingfa、China Pingmei Shenma Group, Coperion (Nanjing) Machinery and etc.

We hope all enterprises whether domestic enterprises or multinational corporations who concerned about the development of synthetic resin industry to contact with us and work with us to create a more low-carbon, environmentally friendly, a good and harmonious development situation for the industry.



COMPANY PROFILE

Beijing Suplex Material Co. Ltd (BJSUPLEX) was founded in July 2006, it was reconstructed by famous engineering plastic modification and industrialization expert—Luo Daoyou in May 2007. BJSUPLEX is composed of high quality talents with high technical level, strong innovation and service ability, high efficiency. BJSUPLEX has built an cooperation with many well-known institutes & universities, and an strategy cooperation with one of the leader of synthesis resin manufacturer in China. BJSUPLEX takes creating home famous brand and serving for motherland as our responsibilities, and looks for pushing the technology development in engineering plastic and relative high technical application fields as our mission.

BJSUPLEX has five main products, including SuployTM (Engineering Plastic Alloy), SupcompTM (Compounding), SupconTM (Thermo-Resistance/Heat Conduction), SupstatTM (Conductive/Antistatic), SupmatchTM (Functional Master Batch). The main products involve many kinds of engineering plastics, including PPO, PA6, PA66, High Temperature PA, PBT, PET, PTT, PPS, PC/ABS, ABS, and etc. One kind of supmatchTM products can give higher mechanical properties and thermal properties to PE & PP resin and their products. BJSUPLEX can provide high performance engineering plastics for other engineering plastic modification enterprises. All our products have met the RoHS



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directive and the environment friendly requirements of other multinational corporations. Customization is one our important characters. Some innovative products have been applied in many fields, including Auto Parts, Electronics and Electrical Appliance, Electrical and Electric, Home and Office Appliance, Equipments and Instruments, Mechanical Equipment, Water Heating Equipment, and etc.

Honesty First, Brand-Growing, Win-Win Cooperation are our core development ideas. Welcome all friends to visit BJSUPLEX! We are sincerely looking forward to cooperating with you!

企业 logo:



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BEIJING SUPLEX MATERIALS CO.,LTD.

 **SUPLEX**



Company introduction and research center

Changchun Jilin University Super Engineering Plastics Research Co. Ltd (JUSEP) is Jilin University, funded by Changchun Jilin University High-tech Co.Ltd., established in 2002, is the medium test base and main technology transfer company of Super Engineering Plastics Center of Research, State 863 project and Engineering Research Center of High Performance Plastics, Ministry of Education. JUSEP is a high-tech company specializing in the development, manufacture and distribution of super engineering plastics PEEK, PES and PPSU resin, high performance modified plastic and secondary processing products. The company's registered capital is 15 million, it has made a cumulative investment of 100 million and covers an area of 14,000 square meters, resin synthesize and post-treatment area 3,500 square meters, resin modification and secondary processing area 1, 800 square meters.

JUSEP possesses annual production capability of 100 tons of PEEK, 100 tons of PEEKK, 100 tons of PES and 10 tons of PPSU resin and modified plastics, which cover high thermo resistance grade super engineering plastics, super engineering plastics based reinforcement materials and alloys, super engineering plastics specialty resins, profile and injection molding product four series, 60 trademarks products. It is also one of the companies with great variety of super engineering plastics through out the world. The products are widely used in defense industry, aerospace, automotive, petrochemical, electronics and medical fields.

The technology innovation and quality certification of JUSEP mainly rely on Jilin University Engineering Research Center of High Performance Plastics, Ministry of Education (JUHPC). JUHPC began the research of super engineering plastics from the state sixth Five-Year Plan, then after more than 30 years of development, it has formed a technical and managing team with senior Professor Zhongwen Wu and Zhenhua Jiang as the core. JUHPC has got the support of many national project, such as the National 'Seventh, Eighth and Ninth Five Year Plan' key research project, State 863 Project, National Natural Science Foundation Project and National Defense & Military Industry Collaboration and Equipment Project. It has obtained over 20 provincial and ministry level achievements identification, more than 100 national invention patents, three state awards for inventions, one national technical invention a second prize, one major achievements in the National 'Eighth Five Year Key Technologies R&D Program', one National Defense & Military Industry Corollary Outstanding Units Award, one Chinese outstanding patent award, three first and second prize for science and technology progress, ministry of education. JUHPC possesses many experiment and processing equipments, such as DSC, TGA, AFM, PLM, SEM, high temperature GPC, infrared spectrometer, material testing machine, Haake rheometer, WP double screw extruder, injection molding machine.

From origination beginning, JUSEP is committed to providing our customers qualified product and service. The company has passed ISO9001 quality system authentication, weapon equipment

development and production license authentication, secondary class confidential qualified corporation authentication. The powerful technical strength and perfect quality management system greatly ensured steady development of product quality.

‘Plastics Replace Steel’, ‘Plastics Replace wood’, ‘Reducing Noise and Weight’ have become the new globe trend of the new material. As the pioneer of Chinese super engineering plastics manufacture, modification and processing, JUSEP will persist in research and manufacture of super engineering plastics, carry out standardization, informatization and internationalization, devote to JUSEP, figure national brand.

The grades and typeset of CoPEEK Products

At present, CoPEEK is supplied in three forms, granule is mainly used in injection molding and extrusion (including monofil or electrical wire coating, pipe and stick profile, film), coarse powder is mainly used in compound, reinforcement, alloy extrusion granulating, ultrafine powder is mainly applied in compression molding and electrostatic spraying.

Types of Resin	Mark	Characteristics
Ultrafine Powder	012PF-100	Standard viscosity grade powder for extrusion compounding and coating
	012PF-200	ultrafine powder
Neat Resin Coarse Powder	085P	Low viscosity grade powder for extrusion compounding and coating
	021P	Medium viscosity grade powder for extrusion compounding
	012P	Standard viscosity grade powder for extrusion compounding
Pure Resin granule	085G	Low viscosity grade granule for injection molding and fiber
	021G	Medium viscosity grade granule for sheet, monofil and paint film of enameled wire
	012G	Standard viscosity grade granule for injection molding and extrusion
GF Reinforcement Aggregates	021GF30	30% glass fibre reinforced grade for injection moulding and extrusion.
	021GF20	20% glass fibre reinforced grade for injection moulding and extrusion.
CF Reinforcement Aggregates	021CF30	30% carbon fibre reinforced grade for injection moulding and extrusion
	021CF20	20% carbon fibre reinforced grade for injection moulding and extrusion.
Special Grade	021FC30	Wear resistance component grade granule for injection moulding.
	021WR30	30% whisker reinforced grade granule for injection moulding.
	021G+C	Black granule for special requirement

	021G+Cd	Red granule for special color requirement
	021HSGF30	30% glass fibre reinforced grade for injection extrusion.
	021GF20+R	20% glass fibre reinforced grade red granule for injection moulding and extrusion.
	021GF20+C	20% glass fibre reinforced grade for injection moulding and extrusion.Black.
	021GF30+C 085GF30+C	30% glass fibre reinforced grade for injection moulding and extrusion.Black.
Profile	stick	Φ 50mm, with 021G/021CF20/021GF20 three types

PES Resin Brand

The major product of poly aryl ether sulfone resins is poly ether sulfone,which is a kind of comprehensive thermal plasticity high molecular material with excellent performance, It has three common specifications i.e. resin for injection molding, special purpose coating and ultra filtration membrane resin.

Types of Resin	Mark	Characteristics
PES	PES-E	resin for injection molding
	PES-C	special purpose coating
	PES-M	ultra filtration membrane resin

Website:

www.jdsep.com



Company Introduction

Javachem .established in 2000, is a committed supplier of plastic additives . As a dedicated manufacturer of additives for plastics , such as antistatic agent ,lubricant and dispersion agent,Javachem has been constantly investing in the research and development of new products ,Apart from our own R&D center that set up for the trials of new products and application /performance test of the various plastic ,we have been building up close links with some domestic prestigious universities . As a leading supplier of antistatic agent in china , we own the first integrated and automatic production line exclusively for antistatic agent . We are the first manufacture of soluble conductive poly aniline, we pioneer the research and manufacturing of permanent antistatic agents . Based on our solid product development strength, we have developed high-molecule permanent antistatic agent and low humidity antistatic agent ,By the cooperation with Zhejiang university , a series of organic poly silicone products has been successfully developed since the beginning of 2009 .

It's our constant effort to add extra value for our customers , other than the commitment of delivering consistent of delivering consistent product and better service !

Products

classification	Product style	Appearance	Carrier	Compatible systems
Siloxane additives	GT-300	Pellet	LDPE+50% siloxane	PE, TPE
	GT-300A	Pellet	LDPE+65% siloxane	PE, TPE
	SG-100A	powder	65%siloxane	All thermoplastics
	SG-200	powder	35%siloxane	All thermoplastics
	TP-200	pellet	PP+65%siloxane	PP, TPE
Antistatic Agents	AM	pellet	Nonionic compounds	PP,PE
	A4-88	solid	Amides	BOPP
	V-810	liquid	Anion	PVC
	129	powder	Fatty acids	PP,PE
Lubricants	PETS-AE	powder	Pentaerythritol stearate	PC 、 PBT 、 ABS 、 PMMA、 PA

Java Macromolecular Material Co.,Ltd

Fengshan Village,Xiaoyue,Shangyu,Zhejiang 312367,China.

T:+86 575 82536702 F:+86 575 82530999

Email:jhx@javachem.com

Mobile:+86 15857530601

Website:www.javachem.com

Company Introduction

Jinan TaiXing Fine Chemicals Co., Ltd., is a High-Tech enterprise which is established in 1998, professional in R & D, manufacturing and sales of **Environment-friendly halogen-free flame retardants**. We develop seven product series with 50,000 tons annual output capacity of flame retardants, including **zinc borate, ammonium polyphosphate, Melamine Cyanurate (MCA), aluminum hydroxide, magnesium hydroxide, flame retardant master batch and specialized flame retardant for GF reinforced PBT, PA and TPU**, widely used in engineering-plastics, rubber tube and belt, electronic enclosures, PVC film, low smoke halogen-free wire and cable, textiles, building materials etc.

Taixing has passed "ISO9001 quality control system" in 2007, its abundant technical strength and perfect quality control system provide a reliable guarantee for product quality continuous improvement. In 2008, established flame retardant assay center cooperated with China flame retardant society, in 2009, nominated as Jinan City Technical Center, Taixing are awarded as famous brand in Shandong Province in the same year, owns patents and Know-how of Flame retardant, acts as standing council unit of China Flame Retardant Society, China Engineering Plastic Industry Association and China Rubber Tube and Belt Institute, cooperating with several domestic famous universities and technical institutions in Shandong province, Taixing also shoulders significant technological project of Government in the 11th five-year planning period.

Taixing pursues science and technology to innovate, focus on strategy of building professionals gradient; follows the core values of honesty, harmony, speciality and study; creates united, harmonious, healthy and joyful working condition and human culture, to make value for customers, make chance for staff, make wealth for shareholder, make benefit for society. We all along persist in self-developed customized specialized products and devoted in supplying comprehensive flame retardant solution for our customers. We look it on as our mission to concern health and care safety.

Thanks to his technical innovations and the advanced management system, Taixing grows to a specialized wide variety flame retardants manufacturer and supplier in China, and going on the effort to make Taixing the first brand in China flame retardant industry and spare no effort to form a one-hundred-year enterprise.

Product introduction

Jinan Taixing Fine Chemicals Co. Ltd. is a leading manufacturer in China specialized in Halogen-free flame retardants in the application of plastic and rubber, supplying flame retardant products at competitive cost and nice property as follows:

Products	Mark	Characteristics	Application
Aluminum hydroxide (ATH)	HT-205	Grounded type: different grades, whiteness, particle size.	Plastics, rubber, electronic and electrical components, painting, coating, adhesive, building materials
		Precipitated type: Ultra-fine particle size, high whiteness, high purity	Low smoke, halogen-free wire & cable, elastomer,

Magnesium hydroxide (MDH)	HT-206	Grounded type: different grades, whiteness, particle size. Surface coating treatment	Plastics, rubber, electronic and electrical components, painting, coating, adhesive, building materials
		Precipitated type: Ultra-fine particle size, high whiteness, high purity	Low smoke, halogen-free wire & cable, elastomer
Zinc borate	HT-207	Different types: 3.5H ₂ O, 1H ₂ O, Anhydrate	Plastics, rubber, electronic and electrical components, painting, coating, adhesive, building materials
Ammonium polyphosphate (APP)	HT-208	Different types: APP I, APP II	Plastic, rubber, painting, coating, adhesive
Melamine Cyanurate (MCA)	HT-211	high effective nitrogen flame retardant	In PA6/66, elastomer, painting/coating, used as flame retardant; Used as lubricant
Halogen-free flame retardant for GF reinforced PBT	HT-202A	Phosphorous and Nitrogen contained, halogen-free, environment-friendly compliance with RoHS and REACH regulations, reach UL94 V-0, no migration, no precipitation, excellent compatibility and even dispersion in PBT. nice flame retardancy, cost-effective, excellent water resistance,.	for glass fiber reinforced PBT
Halogen-free flame retardant for GF reinforced PA6	HT-202E	Phosphorous and Nitrogen containing, halogen-free; compliance with RoHS and REACH regulations. nice self-extinguishing, short flaming, lower smoke density, good thermal stability, no precipitation, good compatibility in the PA6 resin. better electrical performance. in PA6 (30% GF) to UL-94 V0.	for glass fiber reinforced PA6
Halogen-free flame retardant for TPU	HT-219	compliance with RoHS, REACH and IEC 61249-2-21 regulations, lower dosage, excellent flame retardancy (reach UL94 V-0 (3.2mm, 1.6mm), no precipitation in TPU, no hydrolyzed, excellent processing properties. halogen-free, low smoke, nontoxic, environment-friendly in TPU to UL94V-0.	TPU wire & cable, TPU leather TPU adhesive, building material
Flame retardants master batch series		Master batch for XPS, PP, PE, PA	

Website

<http://www.fr-chem.com>

Contact information

Tel: 86 531 88874899

Fax: 86 531 88870799

Email: yx102@taixinghuagong.com

Attn: Ms. Vienna Wang



Enterprise Introduction

LuoHe HuaQiang Plastic Co.,Ltd., was founded in July 1998, located in LuoHe city of HeNan province at LuoWu road NO.188,it's mainly used for production,marketing,agricultural、household and food packing blow molding consisting of the large plastic enterprise. The company covers an area of 300 acreage,has10000 square meters of standardized workshops,the scale of the industry in the production and marketing of the first,products are not only sold throughout the country and overseas sales to many countries and regions.The powerful strength and the cooperation with some research institutes ensured the production equipment and the technology of the lead.The company registered capital of 46.8 million yuan,total assets of 250 million yuan,the highest annual production of 150000 tons,the annual production value amount to15 billion yuan.The company existing staff of 8000 people,the management staff of 300 people,the technical staff of 120 people,and 26 people has the senior professional title,53 people has the intermediate professional title,other personnel degree all in college or above.The ability of Management and technical in the industry in a leading level.

The products are mainly divided into household series、agricultural series、 food packing series、supermarket、mart bag and so on.

There are 800 specifications,can be satisfied with all kinds of customers'requirements.Among them,household series main have packing bag,cleaning bag,one-time antependium,glove

and so on; agricultural series main have fruit bag,fruit baggie, Edible fungus bag,seedling bagand so on; food packing series main have food packing bag,baggie, Self-styled bagand so on.60 specifications of the products has the patent right,The degradation products in 2001 through the “Chinese environmental authentication”. “MinLe”and “AiQuGou”is the famous brand in the industry, recognized and loved by customers.

The company has been insisting on the management aim of credibility,many times was awarded the “value contract”、 “trustworthiness enterprise” 、 “star private enterprise” 、 “enterprise contribution award”,and by the municipal government awarded the title of“tax outstanding private enterprise”.



Company Introduction

MOTOMATU Engineering Plastics (Hangzhou) Co., Ltd. is located in Qianjiang Economic Development Zone of beautiful Hangzhou city, which is a Chinese scientific and technological enterprise and specializes in developing, producing and selling the high-performance modified engineering plastics. At present, the registered capital of the company is 10 million Yuan, and the total investment is 86 million Yuan. The company has won the titles of “Advanced Unit in Labor and Social Security”, “Hangzhou High and New Technology Enterprise” and so on.

Japanese lean management and product developing technology have been imported into the company immediately at the beginning of establishment, and a series of high-performance engineering materials have been developed and were accepted by customers.

The company has a series of advanced full-automatic production equipments imported from Germany, such as Coperion-ZSK and so on. A test center for testing mechanic, calorific, inflaming retarding, electric, chemical, aging projects and so on by self was set up, which provides a high level platform for extending the techniques. At the same time, the company has a stable professional team with high-quality and cohesiveness.

The company has been approved by German Rhine Company (TUV) and passed ISO9001, ISO14001 and OHSAS18001 integrated management system certifications successfully in 2010.

We praise the concept of letting the staff work joyfully and are committed to provide the staff with a working environment to give full play to ability and capability. The company is committed to build a study-oriented talented team at the aspect of talent strategy, so as to create a beautiful future together.

Based on the technical innovations and the efficiency improvement of management system, the company is striving for ranking in world top three suppliers of modified engineering plastics matching with low-voltage apparatuses, electronic appliances and so on.

Products

Types of Resin	Mark	Characteristics	Application
High-temperature nylon	A43069J	Environmentally friendly flame-retarding grade V0, natural color product with good heat resisting property and high stability of dimension	Bracket, lock catch and jump pin of MCB/MCCB and so on
	A43069JZ	Environmentally friendly flame-retarding grade V0, natural color product with good heat resisting property, high stability of dimension and high price performance ratio	Bracket, lock catch and jump pin of MCB/MCCB and so on
	A43069JX	Environmentally friendly flame-retarding grade V0, natural color product with good heat resisting property and high stability of dimension	Bracket, lock catch and jump pin of MCB/MCCB and so on
PA66	A230G6 FX	Environmentally friendly flame-retarding grade V0, adjustable color, good fluidity and nice appearance	Base of A.C. contactor and so on
	A230G6 J	Environmentally friendly flame-retarding grade V0, adjustable color, high temperature resistance, good stability of dimension and high thermal deformation	Casing of MCB and so on
	A230G7 FS	Environmentally friendly flame-retarding grade V0, adjustable color, good fluidity, nice appearance and high mechanical property	Handle and through lever of MCB and so on
	A230G7 S	Environmentally friendly flame-retarding grade V0, adjustable	Coil framework of A.C.

PA6	A230G8 S	color, good stability of dimension and high thermal deformation Environmentally friendly flame-retarding grade V0, adjustable color and excellent mechanical property	contactor and so on Top cover and middle cover of molded case circuit breaker and so on
	A230G9J	Environmentally friendly flame-retarding grade V0, adjustable color, excellent mechanical property, high temperature resistance and high thermal deformation	Bracket, lock catch and jump pin of MCB under 40 amperes, coil framework and so on
	A280G6 N	Grade HB, high mechanical property, good stability of dimension, good heat resisting property and easy machining	Handle of MCB/MCCB and so on
	A290G5 EN	Halogen-free flame-retarding grade V0, black product, good mechanical property, excellent electrical property, high thermal deformation and CTI and good stability of dimension	Base, base wire and coil framework of A.C. contactor and so on
	A290G5 K	Halogen-free flame-retarding grade V0, adjustable color, good mechanical property, excellent electrical property, high thermal deformation and CTI and good stability of dimension	Base and base wire of A.C. contactor and so on
	A290G6 KL	Halogen-free flame-retarding grade V0, adjustable color, good mechanical property, excellent electrical property, good stability of dimension and capable of laser marking	Handle and through lever of MCB requiring laser marking and so on
	A290R00 B	No increasing, halogen-free flame-retarding grade V0, natural color product with good fluidity, easy machining and good toughness	Flash barrier of MCB, connecting terminal and so on
	A290R21 B	Halogen-free flame-retarding grade V2, adjustable color, 960 °C glowing filament resistance, easy machining and good stability of dimension	Casing of MCB and so on
	A290R62 G	Halogen-free flame-retarding grade V0, black product, good mechanical property, good stability of dimension and excellent electrical property	Base and base wire of A.C. contactor and so on
	A290R62 GZ	Halogen-free flame-retarding grade V0, black product, good mechanical property, good stability of dimension, excellent electrical property and high price performance ratio	Base and base wire of A.C. contactor and so on
PPO PES	A130G1 S	Environmentally friendly flame-retarding grade V0, adjustable color, good fluidity, good fluidity, easy machining and nice appearance	Core and side cover of A.C. contactor and so on
	A130G3 S	Environmentally friendly flame-retarding grade V0, adjustable color, good fluidity and nice appearance	Side cover of A.C. contactor and so on
	A130G6 J	Environmentally friendly flame-retarding grade V0, adjustable color, good fluidity and good heat resistance	Side cover of A.C. contactor and so on
	A130M6 S	Environmentally friendly flame-retarding grade V0, adjustable color, nice appearance and good stability of dimension	Casing of MCB and so on
	A130R42 S	Environmentally friendly flame-retarding grade V0, adjustable color, nice appearance and good stability of dimension	Base of MCB and so on
	A190G4 B	Halogen-free flame-retarding grade V2, adjustable color, 960 °C glowing filament resistance, nice appearance and good stability of dimension	Casing of MCB and so on
	A190R15 B	Halogen-free flame-retarding grade V2, adjustable color, 960 °C glowing filament resistance, nice appearance, good stability of dimension and good price performance ratio	Casing and socket of MCB and so on
	E8030	Halogen-free flame-retarding grade V0, low water absorption rate, low creep deformation, high insulation degree and good stability of dimension and resilience	The fields of low-voltage apparatuses and electric products, such as braking parts, slider, jump ring and so on
	F80G4 Z	Grade V0, natural color product, good mechanical property, good heat resistance for long range, low water absorption rate and good resistance for creep deformation	Leakage spindle and so on

Website:

<http://www.motomatu.com/en/>



Brief Introduction

Julong Group is a high-tech enterprises specializing in modified engineering plastics and WPC products. It was found in 1999. The registered capital is RMB43.80million and with 560 employees. Now Julong has Guangzhou branch and sales offices in a number of cities in China, the Middle East and Germany.

Julong group has 2 companies,

- Nanjing Julong Science & Technology Co., LTD
Major products: Modified engineering plastics.
- Nanjing Jufeng Advanced Materials Co., LTD
Major products: WPC products

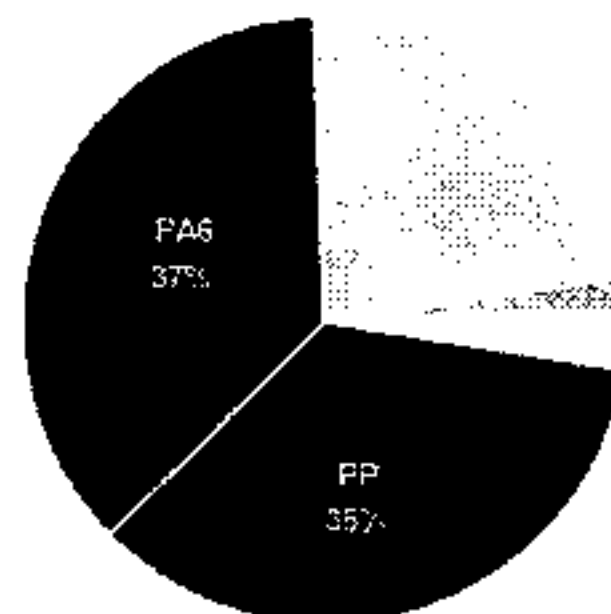
Nanjing Julong Science & Technology Co., LTD (Julong) is the high performance modified engineering plastics of production, marketing, R&D includes PA6, PA66, PP, PBT, PC, and ABS. The application fields are automotive, power tools, high-speed railway, electric and electronics, communication, textile, machinery, sport and leisure articles.

Julong has 38 twin-screw compounding extruders, advanced test instruments and the provincial technology center. Total capacity is 80000tons in 2013, which include 5000tons LFT products capacity. Julong has undertaken and completed the China Torch Program Project and several provincial and civil science & technology projects in recent years. Julong is the States Key High-tech enterprise, Jiangsu Innovative enterprise and Top ten enterprise of China modified plastic industry. The projects promote R&D of domestic plastics business and commercialization, and enhance enterprise competitive power.

Julong has passed the certification of,

- ISO/TS1694: 2009.
- ISO9001:2008
- CNAS-CL01:2006 (ISO/IEC17025: 2005)
- UL Certification: No.: E211125
- PP+GF30 passed WARS Certificate

Julong has 720million RMB annual turnover in 2012, and the segmentation of the products series and the applications are,



Julong provides product and service to many well-known domestic and international companies.



南京聚隆科技股份有限公司

Nanjing Julong Science & Technology Co., Ltd

Major customers including (but not limited to),



In September 2012, Julong moved into a new modern plant covering an area of about 75000sqm in Nanjing City.

Products series,

Grade	Features	Major Uses
AN0T	PA66, release easily, high flowability, heat-resistant stability	Bearing, Socket connector
AG6	PA66, 30%glass fiber	Parts of machinery, Gear
AG9	PA66, 45%glass fiber	Gear, Belt pulley, Support, Hitch bar
AM3	PA66, 15%mineral, toughened	Hubcap, Cover of mechanical machine
AI0	PA66, toughened	Textile accessories, Sports equipment
AH0	PA66, super toughened, high impact resistance	Parts of automotive and sports equipments
AM5G3	PA66, 15% glass fiber and 25% mineral	Cover of engine
AR0	PA66, halogen-free flame retardant	E&E, Socket Connector
AR0G6-S03	PA66, 30%GF, halogen-free flame retardant	AC Contactor cover, Bobbin
BN0F	PA6, high flowability, release easily	Socket Connector, Cable tire
BG6	PA6, 30%glass fiber	Power Tools, Bobbin, Radiator fans
BG9F	PA6, 45%glass fiber, high flowability	Parts of automotive, Fishing Gear, Bobbin
BI0	PA6, toughened, low moisture absorption	Machinery block
BH0	PA6, toughened, high impact resistance	Sports equipments
BM4G4	PA6, 20% glass fiber and 20% mineral,	Cover of engine, mechanical parts, panel
BR0G6	PA6, 30%glass fiber, flame retardant	Electronic element, Terminal
CSA	PC/ABS alloy	Panel of switch, Mobile phone cover,
CSAH	PC/ABS alloy, high impact resistance	Handle, Mobile phone cover,
CSR0	PC/ABS alloy, Flame retardant	Charger, Socket, Switch
CTA-S02	PC/PBT alloy, -40℃ high impact resistance	Bumper
PI0	PP, High impact resistance	Bumper
PG6	PP, 30% glass fiber	Radiator fan, washing machine
PM6	PP, 30% mineral, heat resistance	Air-condition, Filter, Flank panel
PR0	PP, Flame retardant, low density	Bobbin
PR0M4	PP, 20% mineral, UL94 V-0 flammability	Bobbin, Electronic cover
PN0T	PP, Heat resistance, high gloss	Home appliances, Kitchenware
PN0W	PP, Weather-ability	Outdoor facility
PR0G4	PP, 20% glass fiber, UL94 V-0 flammability	Bobbin, Electronic cover

Website: WWW.njjulong.cn

地址：中国·南京高新技术开发区聚龙路8号

Add: No. 8 Julong Road, Nanjing New & High Tech Industry Development Zone Jiangsu 210061 China.

Tel: 0086-25-58004880 Fax: 0086-25-58746904 Website: www.njjulong.cn



Introduction of Hefei Orinko Advanced Plastic. Co. Ltd

Orinko Advanced Plastic Co. Ltd. is a national high-tech company which devoted on R&D, manufacturing and selling high performance materials, which the product involves high performance modified engineering plastics, high performance foaming plastics material. Currently Orinko has manufacturing basements in Hefei Anhui Province and Shunde Guangdong Province, and also has one expanded material plant distributed in Wuxi and Hefei, and forms the industrial distributions covering northern, middle, southern and eastern of China.

Company has now thirty eight twin-screw extruders (Hefei base twenty one, Shunde base seventeen), has one hundred and fifty thousand tons manufacturing capacity annually, and has five products series of modified Polystyrene (PS、ABS、AS) , Polyolefin (PP) , Polyester (PC、PET、PBT), Polyamide (PA6、PA66) and Expanded PP, more than one hundred varieties. Some of the flame-retardant product has been obtained the Certification of SGS and American UL card.

Orinko has totally sixty two R&D engineers, including forty two doctors and masters, twenty bachelors. Company has domestic advanced Testing Center, advanced mechanical, thermal and analysis equipment,

which provide reliable support for new products development and quality stability, through ISO17025 of the National Laboratory Accreditation. Company has been passed the quality system certification on ISO/TS 16949, ISO 9001 and ISO14001 of Tüv Rheinland Cert GmbH. Company has been established eleven agency, twenty-one sales network, provide point to point, front to front prompt service.



Company Introduction

Shandong Dawn Polymer Co., Ltd. is national certificate Hi-Tech enterprise which passed the ISO/16949 quality system certificate. It is one of the biggest capacity and variety grade manufacture in China, the only one manufacture of Hi-quality TPV in China.

The company production capacity is 100,000 tons, owned the advanced Germany W.P twin extruder producing line, also have mechanical, thermo, optics analysis testing instrument and facilities. The product range included automobile materials, flame retardant plastic, flame-reinforced plastic, glass fiber reinforced plastic, plastic alloy, high-melt woven plastic, conductive plastic, filler plastic, high filling master batch, cooling materials, color master batch, special engineering plastic, twelve series thousands of grades. Materials widely used in automobile, military, electronic, aviation industry field. The company is FAV, DFM, CMCC, ISZU supplier, also is the key supplier of Hair Hisense Jiuyang famous dairy electronic enterprises. The product is well sold in home and abroad, such as Europe, East Asia, South Africa. Becoming one of the large scale of engineering plastic production base in China.

The capacity of thermo elastomer plastic is 20,000 tons annual; the product both has rubber elastomer properties and plastic properties, can repeat recycling, energy saving, filling the gap in China. Approved by provincial certificate, materials properties is very approach to the similar materials in the world, product widely used in automobile, electronic industry, becoming the key new product in China, Shandong province energy saving product, the production technology was awarded as second prize by nation, China petrol & chemical institute first prize, also get award for the modification of processing technology by nation.

The new stage of TPV expansion project started on 2009, got fund support from nation technology bureau, china small-medium scale corporation institute, Shandong key technology project fund.

Products

Types of Resin	Mark	Characteristics	Application
TPV	611-78A	A soft, black colored thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties, chemical resistance and elasticity, and is designed for thin wall or complex profile extrusion applications. This grade of TPV can be processed on conventional thermoplastics equipment for extrusion, injection molding. It is polyolefin based and completely recyclable.	Auto sealing system
	13-64A	A soft, black colored thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties, chemical resistance and elasticity, and is designed for thin wall or complex profile extrusion applications. This grade of TPV can be processed on	Auto sealing system Construction sealing system

		conventional thermoplastics equipment for extrusion, injection molding. It is polyolefin based and completely recyclable.	
	610-40D	A soft, black colored thermoplastic vulcanizate (TPV) in the thermoplastic elastomer (TPE) family. This material combines good physical properties, chemical resistance and elasticity, and is designed for thin wall or complex profile extrusion applications. This grade of TPV can be processed on conventional thermoplastics equipment for extrusion, injection molding. It is polyolefin based and completely recyclable.	Auto injection parts
TPE	6502-NA	PA6 bonding materials, good surface appearance	Tooling handle
	5502-PB	Soft injection thermo plastic elastomer	Tooth brush
	7511-PB	Soft SEBS based thermo plastic elastomer	Construction sealing system

PA6/PA66	PA6-GP40L	High stiffness PA6 compound, good weather resistance, good aging resistance	Flame parts in Auto
	PA66-GP30Hs	Good hydrolysis resistant ability, heat resistance, aging resistant	Auto water radiator tank
	PA66-630B	Environmentally friendly flame-retarding grade V0, adjustable color, nice appearance and good stability of dimension	Casing of MCB and so on
PP	HFPP-01	Halogen-free flame-retarding grade V0, low water absorption rate, low creep deformation, high insulation degree and good stability of dimension and resilience	The fields of low-voltage apparatuses and electric products, such as braking parts, slider, jump ring and so on
	PP W001	High luster PP compound widely used in home appliances product	Rick cooker shell etc.

Website:

<http://www.dawnprene.com/en/>



Shandong Lu Yan Masterbatch Co., Ltd

Shandong Lu Yan Masterbatch Co., Ltd., located in the famous tourist city of Tai'an. The company was founded in June 1994, is a collection of scientific research, development, production and sales in one of the state-of-the-art equipment, strong technical strength, a vibrant modern industrial enterprise, the annual production capacity of 12,000 tons. Masterbatch production lines of the company's existing current domestic leading level, mainly the production of "Golden Swallow" brand masterbatch, functional masterbatch, lubricants and other products using high quality imported and domestic raw materials and pigments, advanced processing, made .2003, the company has passed ISO9001-2000 international quality management system certification, the products are sold throughout the country and the export of certain products.

The company's products, a total of three categories, more than 10 series, thousands of varieties (according to the color requirements to build samples).

The main products are:

Firstly, masterbatch (masterbatch):

▼ colored with masterbatch: masterbatch polyethylene, polypropylene masterbatch, ABS masterbatch, HIPS / PS masterbatch, nylon masterbatch, polyester masterbatch pearlescent masterbatch, PE cable jacket masterbatches, communication cable masterbatch, PE foam masterbatches, PS foam masterbatch.

▼ masterbatch for pipe: PE water supply pipe masterbatch, PE large diameter pipe / double wall corrugated pipe dedicated black masterbatch the pipe markings dedicated masterbatch, masterbatch for PP-R pipe, carbon tube black masterbatch Conduit dedicated black masterbatch, jacket tube masterbatch.

▼ agricultural plastic masterbatch: micro mulch dedicated black masterbatch, purple the film dedicated violet masterbatch, weeding the film Red masterbatch big films with increasing ORTHOPAEDICS masterbatch.

Secondly, functional masterbatch: antistatic masterbatch, flame retardant masterbatch, anti-aging masterbatch, AR masterbatch, by ORTHOPAEDICS masterbatch, the PE pipe dedicated brightening masterbatch the film dedicatedbrightening masterbatch, cling film masterbatch opening agent masterbatch extinction masterbatch, PE foam anti contraction masterbatch, to taste masterbatch, rheological masterbatch, scented masterbatch, reinforced toughening masterbatch.

Thirdly, special additive :Lubricants, dispersing agents, brightening agents, microcrystalline wax, polyethylene wax, oxidized polyethylene wax, polypropylene wax

Sideline: antimony trioxide, decabromodiphenyl ether

Operating principles, the company will continue to be market-oriented to customer satisfaction for the purpose of "quality-oriented", "service-oriented", "honesty" sincere cooperation, innovation, pursuit of excellence. General manager Chen Weiguo, together with all the staff warmly welcome new and old customers at home and abroad to come throughout the guide, mutual benefit and create brilliant.

PRODUCTS

Products	Trade mark	Characteristics	Application
Black master batch	LYE0	High carbon black content,tinting strength,good dispersion,good heating resistance.	<ul style="list-style-type: none"> • Tube, injection,compounding, Mulching film, • Drip irrigation zone, Liquid packaging film,etc.
White masterbatch	LYE9	This products has high titanium content,wonderful brightness, good dispersion	PPR Cold and hot water pipe, Injection, film, tape casting etc.
Color masterbatch	LYEC	Good dispersion, heat resistance,solvent resisitance	Film, injection, monofilament,(5000s Round Wire, PP flat filament) , Casing film ,Pipe dedicated MB,Pipe line Mark MB and special materials for the tube.
Functional master batch	LYF0	Special functional, anti-blocking and smoothly	Opening agent MB, Smooth MB, Antistatic MB, PPA MB, Silicone MB,
Innovative processing AIDS masterbatch	KPW-12P	Have the FDA & REACH certificate, has good PPA effect.	Film, PP board,
NOTE: All kinds of color MB and Fuctional MB according to the customer request.			

Contact information:

Company name: Shandong Luyan Color Master Batch Co.,Ltd.

Add: The Youth Entrepreneurship Zone Street Revitalization

Tai'an Shandong, PR China

T: +86-0538-8567277 8567299 F: +86-0538-8567277

Cell: +86 13573357871 +86 18954856278 PC: 271000

Website: www.sdlvcm.com Email: 18954856278@163.com



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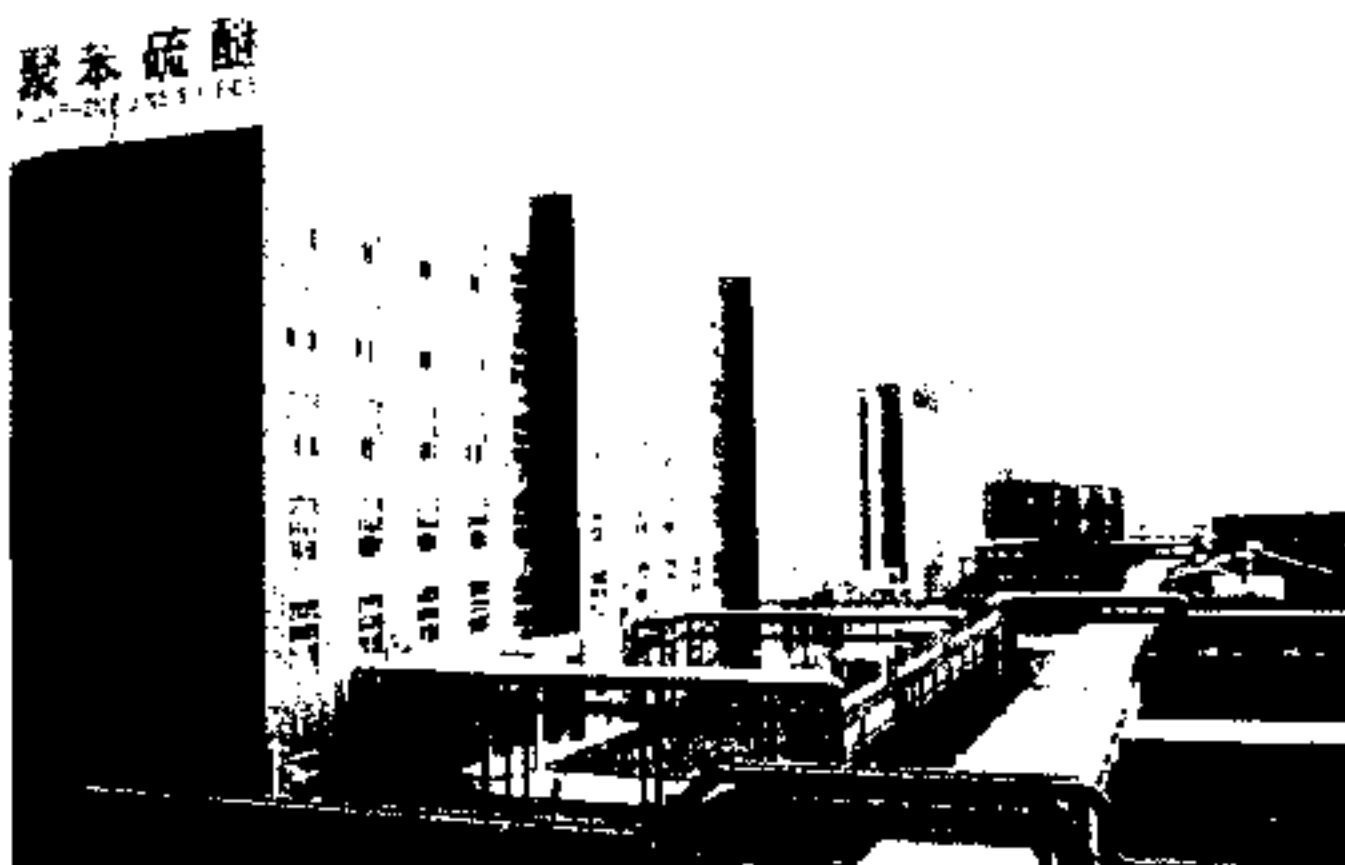
Sichuan Deyang special new material Co., Ltd.
8F/L, E BLOCK, NO.9BUILDING, INCUBATING GARDEN,
TIANFU AVENUE, CHENGDU, SICHUAN, P.R.CHINA
Tel: +86-28-85986113-6834 Fax: +86-28-8585986113-6832

Sichuan Deyang Chemical Co., Ltd

Sichuan Deyang Special New Material Co., Ltd

Sichuan Deyang Chemical Co., Ltd and Sichuan Deyang Special New Material Co., Ltd are high-tech companies, which are professionally engaged in PPS (polyphenylene sulfide) resin and its related products. They are the only PPS production enterprises in China and one of the largest manufacturers in the world.

China is the fourth country which realized PPS industrialization. PPS is one of the high performance engineering plastics, which owns excellent properties, such as high intensity, high modulus, anticorrosion, insulation, flame retardant, high temperature resistance, etc. Its related products include resin, compounds, fiber, membrane, coating, etc. It is widely used in aeronautics and astronautics, electrical and electronics, automobile, environmental protection, and other special fields. Our company got the certification of ISO9001: 2000, ISO14001, UL, SGS, ROHS. Its production technology is leading in domestic and advanced in global, which filled the vacancy of domestic PPS industry. Our projects were listed in "the National High-Tech Industrialization Model", "Torch Project of National Science and Technology Bureau", "Key Construction Projects of Western China", "863 Project", and "No. 1 Engineering Project of Sichuan Provincial Government", etc. Nowadays, we own the independent intellectual property rights, and already applied for over 20 technology patents. It was confirmed as National Key New Products by 5 national ministries and commissions.



We are the largest PPS resin manufacturer in the world, which own the 30,000MT/a PPS resin production lines, 20,000MT/a PPS compounds production lines, 5,000MT/a PPS fiber production lines.

Now, we developed PPS coating, a kind of the new high-temperature resistant and anticorrosion coating material. It is now widely promoted and applied in many fields.

We own a strong technical force and abundant professional technicians with high qualification. Besides, it forms an integrated world-class technical developing system with full set of modernized production facilities and testing equipments. We are aiming at and stepping into the range of the global leading companies.



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8F/L, E BLOCK, NO.9BUILDING, INCUBATING GARDEN,
TIANFU AVENUE, CHENGDU, SICHUAN, P.R.CHINA
Tel: +86-28-85986113-8834 Fax: +86-28-8585986113-8832

HATON Main Products & Applications

Product Code	Applications
PPS-ha	Outer/inner coating of various guideway, containers, metal mold, food pots, reaction kettles, storing tanks, storing cisterns, pipes and electric components.
PPS-hb	PPS compounds, mould pressed products, potting compounds.
PPS-hc	PPS fiber, filter fabric of coal fired boiler, fabric of paper-making machine, electrolytic diaphragm, filtering material of liquid/gas, high performance part of gasket and packing material, anti-fog material, radiation resistant material.
PPS-hGR30	Anticorrosion valves, insulating components, parts of engine, terminal, switches, light set/base of automobiles;
PPS-hGR40	Aero components with high performance requirements of high strength, high temperature resistance and insulation; anticorrosion valves and components; sockets of precision electric appliances; high temperature resistant contactors and terminals; carburetor, distributor, igniter, slide block, gears, thermocouple, piston rings with requirement of high temperature resistance and precision dimension; hot-air tube, crisping iron, hair curler, coffeepot;
PPS-hGR50	Insulating components, anti-corrosion components, shells with high strength, parts of engines, components of thermocouple, terminal, sockets of precious electric appliance;
PPS-hMR60	Connectors, sockets, automobile light base, outer shells of high temperature resistant electric appliance, nuts and bolts, contacting panel of electric appliance.
PPS/F4-hCF313	High performance structures and wearing pieces with high wear resistance, high temperature resistance, high pressure resistance and high corrosion resistance; axle sleeve in high rotating condition; high modulus wear resistant parts in aero industry and weapon industry.
PPS/F4-hGR302	Wearable parts/components which work in the high-temperature, high pressure and solvent circumstance. It's also an excellent candidate in aerospace field.
PPS/F4-hGR312	Wearable parts/components which work in the high-temperature and high pressure circumstance. Such as: plastic axle sleeve, axle bearing and slide block etc.
PPS-hx	sealed parts, electrical wire and cable, automotive under-the-hood parts, lining of the fuel pipes, industrial fiber production appliances. It also can be used to make colored insulating material of electrical wire.



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TIANFU AVENUE, CHENGDU, SICHUAN, P.R.CHINA
Tel: +86-28-85986113-6834 Fax: +86-28-8585986113-6832

Product Code	Applications
PPS-hxGR42	Appliances where impact resistance is required in automobile, mechanical, electrical and chemical industry.
PPS staple fiber	Filter fabric of coal fired boiler, fabric of paper-making machine, electrolytic diaphragm, filtering material of liquid/gas, special functional packing material and filtering material.
PPS filament	Fireproof or insulating fabric, carpets which are used in special area, hanging, anti-fog material and radiation resistant material, framework of pipe, insulator, gasket and packing material, etc.
Coating	Chemical reacting cans, trough, pipelines, pumps, valves, chemical machine and petrochemical equipment, etc. It can supersede the traditional anticorrosion material, such as enamel, glass, ceramic lining, graphite, FRP, lead lining.



Company Introduction

Star-Better Chemical Materials Corporation Limited, founded in 1995, is a professional chemical additives corporation, specialized in flame retardants, flame retardant synergist, toughner & compatilizer and lubricant. Has passed the ISO9001 Quality Management System Certification.

Star-Better Chemical Materials Corporation Limited R&D Center is equipped with Perfect Processing and Application Equipments and Complete Test Equipments, to work as a foundation for new products developing and technical support.

Star-Better's technical team can solve the problems on formulation, extrusion process and injection molding together with customers in anytime in need.

Products

Flame-retardant Synergists		
Products	Mark	Characteristics
FR Synergist for s-PVC	ST-FS-A3T	Low cost, replace ATO directly.
	ST-FS-A400	Without ATO, replace ATO directly.
FR Synergist for PBT	ST-FS-A1T	Low cost, replace ATO directly.
FR Synergist for PA	ST-FS-A2T	Low cost, replace ATO directly.
Antimony Trioxide	Sb ₂ O ₃	Flame retardant synergist. REACH registered.
Sodium Antimonate	ST-FS-SA	Flame retardant synergist for PET.
Anhydrous Zinc Borate	ST-FR-2300FB	Partially replace ATO, increase the CTI value.
3.5 Water Zinc Borate	ST-FR-2335FB	Partially replace ATO, smoke suppression.

Compatilizers & Tougheners		
Products	Mark	Characteristics
Toughener for PA6/66	ST-S4100	Ultra-low Temp.(-40℃) impact modifier.
	ST-H4100	High MFI impact modifier.
	ST-4001	Universal impact modifier.
Toughener for PBT,PET	ST-2022/21	High MFI impact modifier
	ST-2020	Universal impact modifier.
	ST-2000	High GMA content impact modifier.
MAH Grafted PP	ST-G-PP	Compatibilizer for fillers and GF in PP.
MAH Grafted LDPE	ST-G-LDPE	Compatibilizer for PA/PE.
MAH Grafted HDPE	ST-G-HDPE	Compatibilizer for FRs, fillers and fibers in PP.

Compatilizers & Tougheners		
Products	Mark	Characteristics
Silicone Powder	ST-LS100	Efficient lubricant & surface modifier for thermal plastics.
Siloxane Masterbatch	ST-LS301	Efficient lubricant & surface modifier for thermal plastics.

Brominated Flame Retardants		
Products	Mark	Characteristics
Tris(tribromophenyl) cyanurate	ST-FR-TBPC	ABS, PS, HIPS, PC, PC/ABS, PBT, PE, etc.
Tetrabromobisphenol A bis(allylether)	ST-FR-TBE	EPS, foamed PU, UP, etc.
Tetrabromobisphenol A bis(2,3-dibromopropyl) ether	ST-FR-BDDP	PP, ABS, AS, fiber, rubber, etc.
Tetrabromobisphenol A	ST-FR-TBBA	PC, HIPS, ABS, AS, EP, PF, UP, etc.
Hexabromocyclododecane	ST-FR-HBCD	EPS, XPS, HIPS, EP, adhesive, coating, textile.
Brominated Epoxy Resin	ST-FR-E(+)	PBT, ABS, EP.

Compatilizers & Tougheners		
Products	Mark	Characteristics
Red Phosphorus FR Masterbatch	ST-FR-RP(+)	With EVA/PA/PP carriers.
ATO Masterbatch	ST-FS-PP80	PP base. Low dust, easy to disperse.
	ST-FS-PA80	PA6 base. Low dust, easy to disperse.
	ST-FS-EVA80	EVA base. Low dust, easy to disperse.

Website:

<http://www.starbetter.com>

公司英文简介:

SUNSHOW SPECIALITY CHEMICAL CO., LTD is the major polymer additives manufacturers and suppliers, is committed to the field of polymer to provide excellent customer exceed expectations with innovative products and supporting services. Its business scope mainly in high-tech polymer materials, weather resistance, and oxygen used in many areas of daily life the development of innovative solutions. 50% exported to developed countries.

We are the Top Stabilizer Producer in PP Compound, protecting 500000 MT polyolefins per year. with the main products are UV Stabilizers and Antioxidants, etc.

公司 LOGO



广州市聚赛龙工程塑料有限公司成立于 1998 年，生产基地位于广州从化明珠工业园，是专业从事塑料改性、塑料合金、功能母粒、填充母粒、色母粒和热塑性弹性体研发、生产、销售和技术支持服务的省高新技术企业，市创新型企业。工厂占地面积 90000 平方米，具备年产 6 万吨改性塑料的生产能力，公司研发中心拥有各类先进的材料研发设备和检测仪器。产品被广泛应用于汽车、家电、电子电器、电动工具、办公设备、电工器材、建材、医疗器械、卫浴等领域。

Super-Dragon Engineering plastic Co., Ltd (SELON) was founded in 1998. It is located in Guangzhou Conghua Pearl Industrial Park, which is a professional engaged in compounding plastic materials, plastic alloy, functional masterbatch, filler masterbatch, masterbatch and thermoplastic elastomer. Company gets the provincial high-tech enterprises, innovative enterprises etc. Factory covers an area of 90000 square meters, with an annual output of 60000 tons of compounding plastics. R & D center has all kinds of advanced materials research and development equipment and testing instruments. Products are widely used in automobiles, home appliances, electronic appliances, power tools, office equipment, electrical equipment, building materials, medical equipment, sanitary ware and other fields.

公司主要产品介绍

- 1、通用塑料类改性产品：PP、PE、ABS、HIPS、AS、AES、PVC 及其合金等
- 2、工程塑料及其合金产品：PBT、MPPO、POM、PET、PA6、PA66、PC、PA1010、PA12、PA1012、PC/PET、PA/PP、PP/PET、PC/ABS 等
- 3、特种工程塑料改性产品：PPS、LCP、PEEK、PES、PEI 等
- 4、功能高分子材料：抗静电、抗菌、导电、导热等
- 5、母粒类产品：色母粒、填充母粒、阻燃母粒、功能母粒等

Major Products

1. General plastic modified product: PP, PE, ABS, HIPS, AS, AES, PVC and its alloys, etc.
2. Engineering plastics and alloy product: PBT, MPPO, POM, PET, PA6, PA66, PC, PA1010, PA12, PA1012, PC/PET, PA/PP, PP/PET, PC/ABS etc.
3. Special engineering plastics modified product: PPS, LCP, PEEK, PES, PEI, etc.
4. Functional polymer materials: antibacterial, antistatic, conductive, heat conduction, etc.
5. Masterbatch: Color Masterbatch, filler masterbatch, flame retardant masterbatch, functional masterbatch, etc.

Type	Classic Brand	Characteristic	Application
PP Composite	PP 257	High gloss, high flow, high heat resistance	Small appliances shel
	PP 212	High gloss, high flow, scratch resistance	Square rice cooker cover, container special material
	PP237	High gloss, high heat resistance	Rice cooker cover
	PPHS40	Heat resistance, high flow	Inside pot component
	PP555	Resistance to steam, with food hygiene requirements	Rice cooker steamer, the scoop
	PPT30	High heat resistance, high rigidity, stable dimension	Microwave oven door
	FRPP410	UL94-V0, brominated flame retardant, high toughness	Microwave stove, pressure cooker, rice cookers and other electrical and electronic flame retardant requirement
PA Composite	Pa6g630	Glass fiber filled, high heat resistance, high stiffness and high strength	Electric tool shell
	PA6Ft515	15% MD filled halogen-free flame retardant, low warpage of non phosphorus, UL94-V0	Leakage protection switch(RCD)
	PA6Ft530	30% MD filled halogen-free flame retardant, low warpage of non phosphorus, UL94-V0	Miniature circuit breaker(MCB)
	Sr8523	Glass fiber filled, thermal stability	Rearview mirror shell on Automobile, mountain bike wheel
	Sa8066	Hydrolysis resistance, high strength, thermal stability	Automotive radiator
	Sa8633	Mineral filled, thermal stability, dimensional accuracy	Engine cover
PBT Composite	PBT-FG415-HF	High Flow, 15%GF filled, Flame Retardant	Household electrical appliances with Flame Retardant, Electronic and electrical appliances
	PBT1150	15%GF filled	Household electrical appliances 、 Industrial products, Building materials
	PBT-FG415	15%GF filled, Flame Retardant	Connector, Cooling fan, Socket, Television parts, Coil axis, Circuit changer
PET	PET G20	Fiberglass Reinforced	Automobile air-condition vent, Home appliance shell

Composite	PET Fr1300	Flame Retardant Fiberglass Reinforced	Bobbin, Connector, Switch, Electronic & electric parts
	PET/PBT G8230	Reinforced PET Alloy, Flame Retardant Reinforced PET Alloy	Car door handle, Bumper,Sports equipment
PPO Composite	PPO Jb110	Heat Resistance	Electronic & electric parts, OA application
	PPO Nf5310	Non-halogen Flame Retardant, Heat Resistance/ High Flow/High Impact	Shell of the charger, Battery box of electric car, Socket, Junction box, Fuse
	PPO G10	Glass Fiber Reinforced	Water pump, Blower casing and components, Silent gear, Pipeline, Valve, Valve body, Valvecore, Surgical operation apparatus, Auto choke plate, Filter, Instrumentation, Speakers, Electronic tube base, Machinery parts and components
	PPO M10	Mineral Reinforced	
	PPO Gm105	Glass Fiber/Mineral Reinforced	
	PPO Fg520	Flame Retardant Glass Fiber Reinforced	Relay box, Connector, Coil bobbin, Switching relay, Integrated circuit board support
PPS Composite	Jb1130	30%GF Filled Reinforced, High Impact	Connector, Switch, DVD Laser head, Coil bobbin, Switch gear, Circuit board, Lamp Socket, Reflector & Frame, Throttle Body, Junction box, Fuel pump impeller, Valve body
	JBM55	55% GF Filled /Mineral Reinforced, High Flow	
	JBM60NH	60% GF Filled /Mineral Reinforced, Non-halogen	
PC Composite	PC-FN410T	High transparent middle, floating brominated flame retardant, UL-94 V0	Lighting, electric iron shell
	Pc1414	Middle floating, high and low temperature impact resistance, stress cracking	Electrical enclosure, mobile phone shell
	PC-2370+	floating, high impact of bromine flame retardant, UL-94 V0	Electrical appliance housings, chargers shell
	PC-FN410N	High impact, high heat resistance, low temperature resistance, flame retardant, UL-94 V0	Switches for appliances, sports equipment
	ABSFG610	Dimensional stability, creep resistance, low warpage	Air conditioning machine centrifugal fan, axial fan

Composite	FRABS410	Flame retardant UL94-V0	Fresh machine shell, heating, air conditioning, microwave oven
	ABS412	Flame retardant UL94-V2	Electronic products, power cover
	SAX-H2020	High gloss, scratch resistance, surface hardness, high floating, hardness class H	Household appliances shell, a control panel, digital, panel
PC/ABS Alloy Material	PC/ABS-C	Electroplating grade	Electrical enclosure
	PC/ABS-N	High heat resistance, high floating	Bread machine
	PC/ABS-H073	The general level, high floating	Mobile phone shell, 3C products shell
	Se9537	High gloss, High resistance (HDT: 116), Excellent process performance, Excellent rigidity and toughness balance	Auto inner parts
PVC Composite	Rpvc310	High flow, high impact resistance, UL94-5VA class, for injection molding	Indoor electrical appliances, such as washing machine, air conditioning housing material
	Pvc/abs810	High impact resistance, UI94 V-0 class, for injection molding	Replacement of flame retardant ABS, used for household appliances, instruments, electrical products
	PVC/ABS830	Medium impact resistance, high HDT, UL94 V-0 class, for injection molding	For electrical & electronic equipments, electronic communications, fire equipments
	SUPERSUN 1102	High Transmittance	LED fluorescent lamp, LED energy-saving lamp, LED ball bubble lamp shade, LED street lamp shade, Light diffusion plate, Button, Display screen
Light Diffusion Material	SUPERSUN 1105	High Transmittance	
	SUPERSUN Fr1100	High Transmittance, Flame Retardant	
	SUPERSUN 100MB	Light Diffusion PC Masterbatch	

忠茂企业是一家专注于工程塑料贸易和注塑成型的综合型企业。公司主要经营旭化成，杜邦，杜邦-旭化成，SABIC，RADICI 等进口工程塑料，并提供技术支持。

公司自 1993 年成立以来，已在上海，香港，广州，余姚，常州等地成立多家分公司，并在虹桥，深圳，东莞，重庆等地设立办事处和仓库。

公司奉行“诚信为本，互利共赢”的企业精神，配备优秀的销售团队和技术服务队伍，为客户提供全面的技术支持和售后服务，坚持成为中小型企业首选的塑胶供应商。

Zhongmao Group Corporation was founded on 1993, a comprehensive enterprise integrating industry and Trade focusing on engineering polymers; as an agent supplying engineering plastic products of Dupont Company, Asahi-Dupont Company, SABIC Company and RADICI Company Limited, and provides technological consultation for customers. Our major competitive advantages are OEM Capability, accept different standards required by the customers, materials cost advantages, and advanced management experiences. In the principle of 'credit first and customer supreme', the company equips with excellent sales team and technical service team to provide customers with comprehensive technical support, pursues the 'One hundred percent' of customers satisfaction; it can meet the demands of customers in product researching and development, material selection, distribution, and other services, adhere to be the preferred supplier of developing enterprises.



中原宝隆投资集团

Zhongyuan Baolong Investment Group

Group profile

Zhongyuan Baolong Group, the headquarter of which is located in CBD, Zhengdong New District, Zhengzhou, was founded in December, 2010. The corporation owns many office areas, including Floor 1-7, 11, 33, 35 in Jingfeng International Mansion, F5 in Beijing Fuli Morgan Center, F17 Jiasheng Center. Moreover, it has a 900-mu area of coal base and coal yard in the coal logistics industry garden seated in Hushan District, Hebi. The corporation has 500 large-scale transport vehicles in possession, and the total number of vehicles reaches 3000 alongside the affiliated ones.

The corporation possesses more than 50000 square meters' office area. Its business area mainly involves coal, logistics industry, real estate and hotel, covering Henan, Shandong, Shanxi, Shaanxi, Inner Mongolia, Xinjiang, and Qinghai province, etc. The corporation has eight subsidiary branches and one share-holding coal mine, and is planning to construct a five-star hotel. By the end of 2012, its total assets equal 2.95 billion Yuan, the registered capital 40 million Yuan, and the owners' equity 45 million

Yuan. In recent years, its accumulated and accrued assets surpass one billion Yuan, with the sum of tax payment ranking the first among all the private enterprises in Hebi for three consecutive years.

Being the biggest coal logistics enterprise in Henan Province, Zhongyuan Baolong Group has been engaged in coal and its related business for a span of 20 years, establishing a sound business cycle and a team of highly qualified professionals.

The corporation's main products cover eight varieties, mainly the coal, refined coal, blast furnace injection coal, coking coal, 1/3 coking coal, thin refined coal and coals with over 4000 kilocalories and the coal sludge. The raw coal primarily stems from Gaoping, Lingshi, Xiangyuan in Shanxi province and Pingdingshan, Zhengzhou in Henan Province, featuring low ash, low sulfur, high recovery, high caking index, ash melting point, high stability and so on. It is a manufacturing enterprise producing refined coal with high-quality metallurgy, the products of which are sold to many stated-owned power generation groups like DaTang International, Huaneng Power, and China Electric Power.

Recently, for the sake of the trend of energy-saving and emission-reduction as well as its own development, the corporation group takes the lead in initiating the plan of "Low-Carbon Logistics Industry". At present, the first batch of 20 LNG heavy trucks has been put into

service. With the unceasing reinforcement of the hardware, the corporation group further enhances its management level, and gradually establishes the intellectualized logistics management pattern. On the base of the technology of on-board sensors, the video frequency sensation, the GIS (geographic information system), the on-board intelligent operation environment, and the motion communication etc, the corporation group enables the system to automatically record the time, monitor the state of goods in real time, keep track of the route of vehicles automatically and control the arrival time promptly, thus forming a new modern logistics industry enterprise for IPO with accurate statistical analysis and traceable evidence in case of an accident. Zhongyuan Baolong Group also declares “Energy-saving and Emission-reduction Demonstration Project of Henan Province” for the LNG-related projects, as it responds to the national environmental protection by transforming their original vehicles and reducing the emissions of harmful gases as much as possible, so as to make a contribution to the society in their own way.



Company Introduction

Zibo Hyman Topbon Technology Trading Co.,Ltd. Locate in Zibo Shandong province ,coastal city of China. Shandong Province is hometown of the “ CONFUCIUS”. It is the chemical products base and ceramics products base. “ Beijing – Shanghai high-speed railway, Zibo Hyman Topbon Technology Trading Co.,Ltd. (ZHTTT) have the high polymer materials with application research , and development experience for two decades. (ZHTTT) devote oneself to bridge over the CHINA MARKET and the INTERNATIONAL MARKET.. (ZHTTT) main purpose of the work is for recommend the HIGH QUALITY PRODUCTS in china to international market. In the meantime import the INTERNATIONAL famous high polymer materials to china market. (ZHTTT) contribute to global high polymer materials development career in his way.

(ZHTTT) mainly manufacturer color master batch and special functional master batch for the automotive, the electrical, the consumer goods and toy or the building industry, as well as for the packaging the cosmetics, the pharmaceutical and the medical industry. Beside this, our company focus on trading the special additive and dyestuff for the plastic industry.

“hyman” is a means “ life”, “topbon”is a means “top grade”. The company’s name represent a good wishes: respect the life, provide the high-tech modern product t the customer. Let the high tech product really bring benefit to mankind. To create a green, environmental protection, The sustainable development of living space.

Products

Products	Trade mark	Characteristics	Application
Silicone	HT5501	Powder form /Improve the surface gloss, eliminate the surface defects caused by filler (such as glass fiber etc.), and reduce the defective rate.	polyolefinPA/PC/PVC/PPO/ABS/POM/TPU/PBT/PPS/EVA/TPE/PS/PET and compounds plastics, Halogen-free flame cable material,PP/PE pipes, BOPP film, smoothness masterbatch, complex thin-walled parts and silicon pipe.
	HT5502	Powder form/ Increase the filler addition, reduce production cost, has good dispersion.	polyolefinPA/PC/PVC/PPO/ABS/POM/TPU/PBT/PPS/EVA/TPE/PS/PET and compounds plastics, Halogen-free flame cable material,PP/PE pipes, BOPP film, smoothness masterbatch, complex thin-walled parts and silicon pipe.
	HT5503	Powder form/ Increase product extrusion speed, reduce the defective rate greatly, improve the liquidity of plastic processing, reduce torque, and improve the mold-filling, demoulding properties.	polyolefinPA/PC/PVC/PPO/ABS/POM/TPU/PBT/PPS/EVA/TPE/PS/PET and compounds plastics, Halogen-free flame cable material,PP/PE pipes, BOPP film, smoothness masterbatch, complex thin-walled parts and silicon pipe.
	HT5504	Powderform/Excellent thermal stability and color stability, long-time stability in the dispersion	polyolefinPA/PC/PVC/PPO/ABS/POM/TPU/PBT/PPS/EVA/TPE/PS/PET and compounds plastics, Halogen-free flame cable material,PP/PE pipes, BOPP film, smoothness masterbatch, complex thin-walled parts and silicon pipe.
	HT5505	Master batch form base on PE	PP,PP/PE

	HT5506	Master batch form base on PP	PP.PP/PE
	HT5507	Master batch form base on PA6	PA6.PA66. PA610.PA612.PA1012.PA1212.PA11.PA12
	HT5508	Master batch form base on ABS	ABS. SAN HIPS. PVC
	HT5509	Master batch form base on SAN	PC.ABS.PS.TPEE
	HT5510	Master batch form base on LDPE	PE.PP.EVA.PA
silicon dioxide	HT5601	white powder. has good dispersion in a nonpolar and intermediate medium	Sealant liquid silicone rubber ,coating, paint, inks, adhesives, paper, plastic anchoring agent, unsaturated resin, powder coating, etc
	HT5602	White powder,has amorphous three-dimensional structure, the small particles, large BET, high purity, is made by modification and high dispersion of nano silica	resin coating, paint, ink, electronic, paper, medical, cosmetic, adhesive agent, sealant and plastic etc
	HT5603	White powder,Has excellent rheology and thixotropy control in liquid systems, adhesives, polymers, and used to prevent sedimentation, thickening, anti-sag additives.	coating, adhesive, cosmetics, ink, silicone sealant, plastic, modified cement, medicine, unsaturated polyester resin, polarity resin (epoxy vinyl resin series), PVC, paper, electronics
	HT5604	White powder Good hydrophobic property and stability of thixotropy.It can prevent subsidence discharge, thickening thixotropic in coating, printing ink.	Sealant liquid silicone rubber ,coating, paint, inks, adhesives, paper, plastic anchoring agent, unsaturated resin, powder coating, etc
	HT5605	Whiter Powder Good Transparency, Good Heat Dispersion Good Suspension	excellent Wood paint Furniture painting
	HT5606	Master batch has good dispersion in a nonpolar and intermediate medium.	Good used for the anti-blocking agent for the film production.
Color master batch	HTM5701	White masterbatch	Blow, extrude, injection, hollow molding, blister packaging, rotational moulding
	HTM5702	Black masterbatch	Blow, extrude, injection, hollow molding, blister packaging, rotational moulding
	HTM5703	Function masterbatch	Opening masterbatch, Smooth masterbatch Antistatic masterbatch, Silicone masterbatch PPA masterbatch
	HTM5704	Filler masterbatch	Calcium carbonate master batch Barium sulfate masterbatch Talc masterbatch
Antistatic agent	HTA5801	Powder form/an internal antistatic agent for various thermoplastics	PP(BOPP, CPP, IPP), PE, SAN, PS, ABS, etc
	HTA5802	yellow liquid /is an antistatic agent exclusively for PVC products	PVC
	HTA5803	Master batch/ an internal antistatic agent for various thermoplastic	PP(BOPP, CPP, IPP), PE, SAN, PS, ABS, etc
Flame retardant	HT5901	White powder/PA6 Halogen free flame retardant	PA6
	HT5902	White powder/PBT Halogen free flame retardant	PBT

	HT5903	White powder/TPU Halogen free flame retardant	TPU
	HT5904	Master batch/antimony trioxide	For all the engineering plastic
	HT5905	decabromodiphenyl ether	For all the engineering plastic
pigment	HT6001	Organic pigments	Phthalocyanine Blue B/ Phthalocyanine Green G/ Hansa Yellow G/ PERMANENT YELLOW 10G/ AST RED F4R-1/ FAST RED F5RK/ BENZIMIDAZOLONE YELLOW H3G
	HT6002	Inorganic pigment	Deep chrome yellow/ Midium chrome yellow/ Lemon chrome yellow/ Molybdate red cadmium red/ Ultramarine blue/ bismuth yellow/ fluorescent pigment
Fluorescent Brightener	HTB7001	OB, OB-1,	A good whitening agent for PVC PS PE ABS ther-moplasticplastics,Acetate fiber paint coating and printing ink etc
Ultraviolet Light Absorber	HTU8001	UV 533 UV770 UV944	ABS PE/PP POLYESTER PS PUR PVC
Antioxidant	HTA9001	1010, 168	phosphite ester antioxidant. Good synergistic with antioxidant
High Performance Material	HTH1001	PPS base resin and compound materials	Automotive, Electrical ,building Industry.
	HTH1002	PEEK base resin and compound materials	Automotive, Electrical ,building industry.
	HTH1003	PTFE base resin and compound materials	Automotive, Electrical ,building industry
	HTH1004	PBAT, PBS, PBSA	Biodegradable material for the agricultural film and food packaging.

Contact information:

Company name: Zibo Hyman Topbon Technology Trading Co.,Ltd.

Office: Qilu International Plastic and Chemical City 1-25, Shandong Province, China

Contact: Ever Wang

Tel: +86-533-6073982

Mob:+86 13573357871

Email: info@hymantopbon.com

Website: www.hymantopbon.com