



杭州锦江集团
HANGZHOU JINJIANG GROUP

广西田东锦桂科技有限公司

氯化聚合物&高分子改性材料 专业供应商

Guangxi Tiandong Jingui Technology Co.Ltd.

Expert of Chlorinated polymer & Modified polymers.



商务洽谈电话:

覃部长 15277665219

黄经理 18077620008

马经理 18969049575

地址:广西百色田东锦江循环产业园

Contact No:

Mr Qin 15277665219

Mr Huang 18077620008

Mr Ma 18969049575

Add: Jinjiang Circular Industry Park.Tiandong County.
Guangxi China.

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公司简介>>>

广西田东锦桂科技有限公司系杭州锦江集团(中国民营500强)旗下企业，2021年荣获“国家高新技术企业”和“国家专精特新小巨人企业”称号。公司系一家聚焦于高性能新材料的研发、生产、销售和服务，应用新材料科技成果为市场客户提供全新的材料解决方案的材料科技企业。公司依托杭州锦江集团田东循环产业园区资源和高分子材料专家领导的改性材料研发应用技术团队，构建高分子材料的化学改性和物理改性产品的产销研一体化产业平台。

公司位于广西田东锦江循环产业园，依照公司2025战略规划，致力于打造一个产品业务涵盖氯化聚合物、改性塑料、可降解材料、光学材料和特种助剂等5大版块的高性能高分子改性材料产业平台。公司产品销售覆盖华南西南华中华东国内市场及东南亚国际市场。

公司新建年产10万吨氯化聚乙烯(CPE)工厂，为市场客户提供包括氯化聚乙烯(CPE)、氯化聚氯乙烯(CPVC)、氯化聚丙烯(CPP)等多种化学改性材料解决方案。公司氯化聚合物(CPE)产品广泛应用于PVC硬制品及软制品，包括硬质PVC的管材管件异型材、软质PVC管材等，以及应用于电线电缆、运输带、密封条、橡胶制品、磁性胶条等领域。

公司下设专业改性塑料子公司广西优安新材致力于建设10万吨改性塑料产业基地，涵盖聚烯烃材料改性、工程塑料改性和纤维复合材料等多种改性塑料业务。公司全资子公司杭州因泰创致力于可降解材料、光学材料及特种助剂的研发生产和销售，为华东及华南市场客户提供高端高分子材料产品技术解决方案。

公司秉承“技术创新，价值创造”的发展理念，为社会、客户、员工和股东创造价值、分享价值，实现公司可持续发展。

我们热忱欢迎广大客户莅临我公司进行业务或技术合作！

Guangxi Tiandong Jingui Technology Co. Ltd >>>

Company Profile

Our company is a member of Hangzhou Jinjiang Group Co. Ltd (a China top 500 company). We are awarded the titles of “National High-Tech Enterprises” and “National Specialized-Sophisticated -New Tech Little Giant Enterprises” since 2021. We focus on the R&D, production, sales and service of high-function new materials, and apply the new technology to offer the comprehensive “material & technology solutions” to our customers. Our company has built up the industrial platform for R&D-Production-Sales of modified polymeric materials of both chemical and physical modifications.

Our company is located in the “Jinjiang Circular Industrial Park” in Tiandong, Guangxi, China. According to our “Company Strategy Plan 2025”, we are committed to construct a high-function polymer-modification industrial platform covering Chlorinated polymers, modified engineering plastics, biodegradable polymers and specialty additives.

Our new-built factory can produce 100000MT/year of CPE products. We provide various types of chemical modified polymeric materials for our customers, including CPE, CPVC, CPP et.al. Our CPE products is widely used in the production of hard PVC products and soft PVC products, including hard PVC Pipes/profiles, and soft PVC pipes, also it is used in the production of cables, rubber belts, sealants, rubber products, magnetify products.

Our subsidiary, Guangxi Youan New Materials Tech. Co. Ltd, is running a factory for production of 100000MT/year of various modified polymeric materials, including modified PE/PP, and modified ABS/ PA/PC et.al. Our second subsidiary, Hangzhou Yintaichuang Polymeric Materials Co. Ltd, focus in R&D and production and sales of degradable material, optical material and specialty additives, and provides Technology solutions of advanced materials for customers in South and East China market.

We persist in the vision of “Tech-Innovation, Value-Creation” for the sustainable development of our company, as we create and share values for our society, our customers, our staffs and shareholders.

We warmly welcome all customers to visit to our company for business or technology cooperations!

公司荣誉>>>

Corporate Honors

获得高新技术企业认定

Obtaining recognition as a high-tech enterprise



获得国家专精特新小巨人企业

Recognized as a specialized, refined, and innovative small giant enterprise



中石油华南化销最佳战略客户/最佳协作企业

公司自2019年与中国石油华南化工销售公司达成深化产业链战略合作模式以来，连续获得中国石油华南化工销售公司“最佳战略合作伙伴”、“新产品开发最佳协作单位”的荣誉称号。



Best Strategic Customer/Best Collaborative Enterprise of China National Petroleum Corporation

We has been awarded the honorary titles of "Best Strategic Partner" and "Best Collaborative Unit for New Product Development" by China Petroleum South China Chemical Sales Company since reaching a strategic cooperation model for deepening the industrial chain with China Petroleum South China Chemical Sales Company in 2019.

杭州锦江集团简介>>>

为正则刚 · 有容乃大

Firmness goes with integrity

Being broad-minded brings about greater achievement

杭州锦江集团1983年始创于浙江临安，1993年组建集团公司，先后涉足纺织、印染、造纸、电缆、建材、医药等领域，历经三次产业结构调整，目前已形成以环保能源、有色金属、化工新材料为主产业，同时集贸易与物流、投资与金融于一体的现代化大型民营企业集团。集团总资产近千亿元，营收近千亿元。杭州锦江集团植根中国，产业遍及全国30多个省级行政区，并在新加坡、印尼、越南、印度等国投资兴业，为企业全球化发展战略奠定基础。

中国企业500强(2022年位列第289位)
中国制造业企业500强(2022年位列第133位)
中国民营企业500强(2022年位列第107位)
中国制造业民营企业500强(2022年位列第60位)
杭州市制造业百强企业(2022年位列第8位)
中国能源集团500强

杭州锦江集团坚持诚信为本，是浙江省首批诚信示范企业。2013年，当选“中国信用企业”，2012年锦江荣获“CCTV年度品牌”；自2000年起连续被评为AAA级信用企业。



Profile of Hangzhou Jinjiang Group

Hangzhou Jinjiang Group was founded in Lin'an, Zhejiang in 1983 and established a group company in 1993. It has successively entered the fields of textiles, printing and dyeing, papermaking, cables, building materials, pharmaceuticals, etc. After three industrial restructuring, it has now formed a modern large private enterprise group mainly focused on environmental energy, non-ferrous metals, and chemical new materials, while integrating trade and logistics, investment and finance. The total assets of the group are nearly 100 billion RMB, and the revenue is nearly 100 billion yuan. Hangzhou Jinjiang Group is rooted in China, with industries spanning more than 30 provincial-level administrative regions across the country. It has invested and established businesses in countries such as Singapore, Indonesia, Vietnam, and India, laying the foundation for its global development strategy.

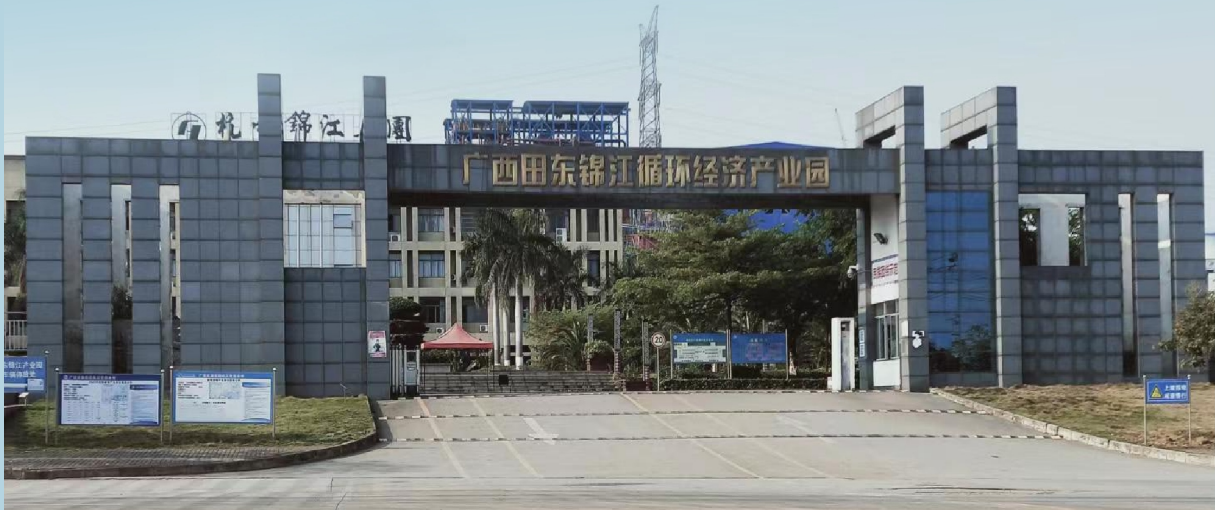
Top 500 Chinese Enterprises (ranked 289th in 2022)
Top 500 Chinese Manufacturing Enterprises (133rd in 2022)
Top 500 Private Enterprises in China (ranked 107th in 2022)
Top 500 Private Enterprises in China's Manufacturing Industry (ranked 60th in 2022)
Top 100 manufacturing enterprises in Hangzhou (ranked 8th in 2022)
China Energy Group Top 500

Hangzhou Jinjiang Group adheres to the principle of honesty and is one of the first batch of integrity demonstration enterprises in Zhejiang Province. In 2013, Jinjiang was elected as "China Credit Enterprise". In 2012, Jinjiang was awarded "CCTV Brand of the Year". Since 2000, it has been continuously rated as a AAA credit enterprise.

广西田东循环经济产业园简介>>>

广西田东锦江循环经济产业园是杭州锦江集团在广西田东县投资兴建的循环经济产业园。于2008年开始相继投资100多亿元建成并投产，占地面积2000多亩，现有员工1000余人。遵照吴邦国委员长提出“要把锦江项目打造成全国循环经济的样板”的指示精神，广西田东锦江循环经济产业园经过十几年的奋战，项目建设进展顺利，循环经济已初步形成。已建成并投产的项目有：

- 1.广西田东锦盛化工有限公司年产50万吨烧碱;
- 2.广西田东锦盛自备电厂30万kW·h自备发电机组;
- 3.广西田东锦鑫化工有限公司于2023年建成投产产能包括220万吨化学铝;
- 4.广西田东锦桂科技有限公司，目前具备10万吨CPE的年生产能力;
- 5.广西田东晟锦有限公司年产20万吨硅锰合金;
- 6.广西田东锦亿科技有限公司年产50万吨甲烷氯化物。



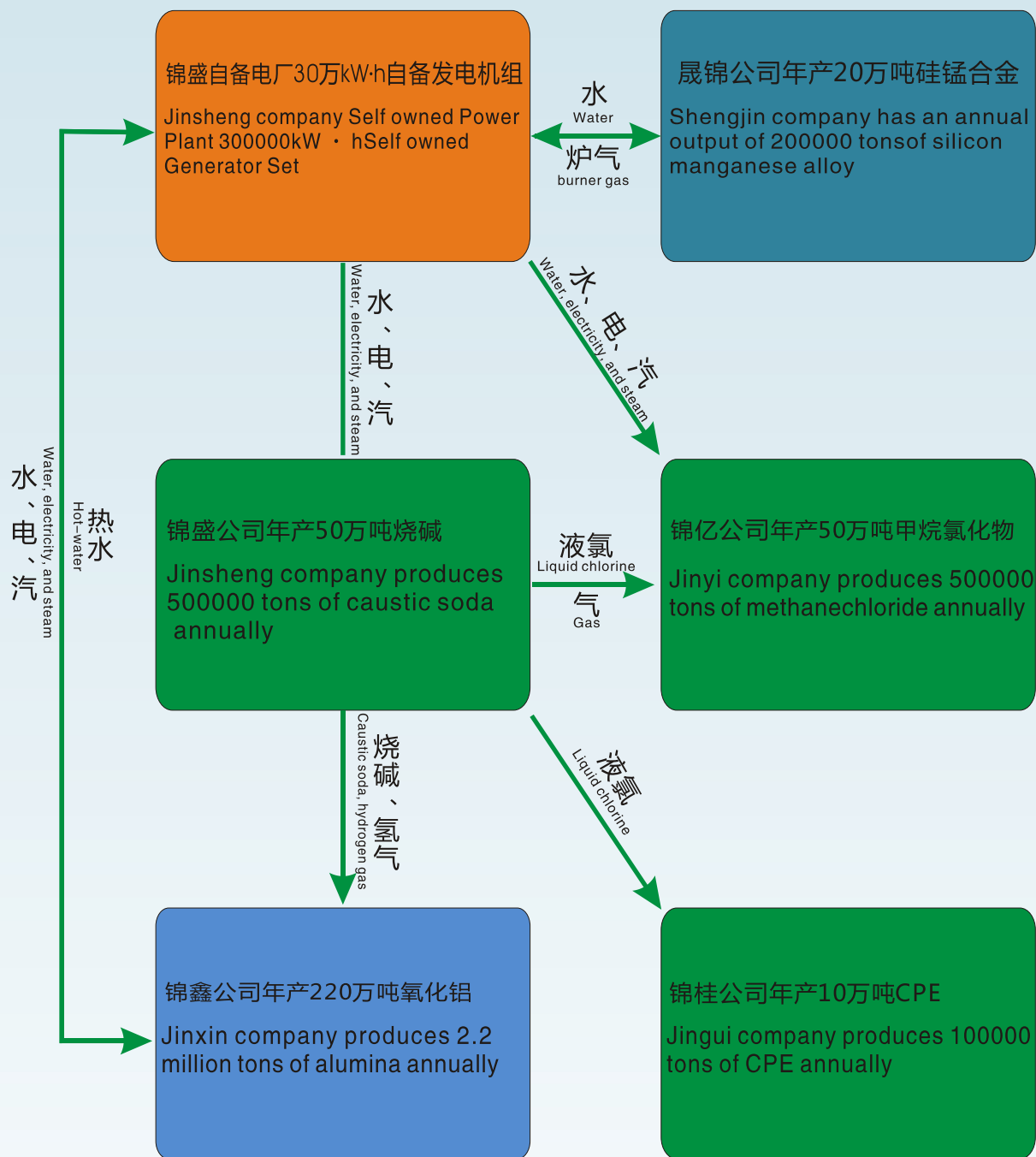
Profile of Guangxi Tiandong Circular Economy Industrial Park

Guangxi Tiandong Jinjiang Circular Economy Industrial Park is a circular economy industrial park invested and constructed by Hangzhou Jinjiang Group in Tiandong County, Guangxi. Since 2008, more than 10 billion yuan has been invested to build and put into operation, covering an area of over 2000 acres. Currently, there are more than 1700000 m², Following the directive of Chairman Wu Bangguo to "build the Jinjiang Project into a model of national circular economy", after more than ten years of hard work, the construction of the Jinjiang Circular Economy Industrial Park in Tiandong, Guangxi has progressed smoothly and the circular economy has initially taken shape. The projects that have been completed and put into operation include:

1. Guangxi Tiandong Jinsheng Chemical Co., Ltd. has an annual output of 500000 tons of caustic soda;
2. Guangxi Tiandong Jinsheng Self owned Power Plant 300000 kW · h Self owned Generator Unit;
3. Guangxi Tiandong Jinxin Chemical Co., Ltd. completed and put into operation in 2023, with a production capacity of 2.2 million tons of chemical aluminum;
4. Guangxi Tiandong Jingui Technology Co., Ltd. has an annual production capacity of 100000 tons of CPE;
5. Guangxi Tiandong Shengjin Co., Ltd. has an annual output of 200000 tons of silicon manganese alloy;
6. Guangxi Tiandong Jinyi Technology Co., Ltd. has an annual output of 500000 tons of methane chloride.

产业园循环产业链 >>>

Industrial Park Circular Industrial Chain



产业园主要企业及产品简介>>>

Introduction to Main Enterprises and Products in the Industrial Park



锦盛公司年产50万吨烧碱

Jinsheng company produces 500000 tons of caustic soda annually



锦亿公司年产50万吨甲烷氯化物

Jinyi company produces 500000 tons of methane chloride annually



锦盛自备电厂30万kW·h自备发电机组

Jinsheng company Self owned Power Plant 300000 kW · hSelf owned Generator Set



锦桂公司年产10万吨CPE

Jingui company produces 100000 tons of CPE annually



锦鑫公司年产220万吨氧化铝

Jinxin company produces 2.2 million tons of alumina annually



晟锦公司年产20万吨硅锰合金

Shengjin company has an annual output of 200000 tons of silicon manganese alloy

全新CPE工厂 绿色环保

New CPE factory, Green and environment-friendly



全新高效自动化生产系统(DCS控制系统, SIS控制系统)

New production system, automated and high efficient (DCS control system, SIS control system)



全新年产10万吨生产线

New production line annual output of CPE 100000 tons



公司研发体系>>>

公司建立完备的技术研发体系。公司技术研发部设立系列专业实验室，包括化学分析实验室，物理性能分析实验室，热分析实验室，材料制样实验室等。

研发实验室内配置全系列分析测试仪器及设施，包括化学实验通风橱，差热扫描量热仪DSC，万能试验机，熔体流动速率测定仪，热变形/维卡温度测定仪，门尼粘度测试仪，精密电子天平（万分之一），数显简支梁冲击试验机，白度计，硬度计，固体密度计，卤素水分测定仪，色差仪，马弗炉，电炉，电热鼓风干燥箱，手动冲片机，注塑机，双棍炼塑机，平板硫化机，吹膜机，等40余台套相关仪器设备。可满足CPE及改性材料的原辅料及产品相关分析测试和研发相关技术要求。

公司核心研发团队4人，技术研发团队25人，均为高分子化工设备自动化等相关专业大专以上学历，且具有多年技术研发工作经验。2020年以来开展氯化聚合物及改性高分子材料相关研发项目40余项，取得系列研究成果，成功开发多个新产品，攻关解决多个关键技术难题，获国家发明专利多项，在申请国家发明专利多项。

同时，公司与浙江大学化工学院/浙大衢州研究院及广西大学化工学院开展产学研研发项目合作，开展功能化改性高分子材料及功能化材料助剂方面的新产品技术研发。

公司完备的技术研发体系支持我们为客户提供全面的技术和材料解决方案。

Company R&D System

We built up a comprehensive R&D system. Our R&D center set up series research labs, including the Chemical Analysis Lab, the Physical Property Analysis Lab, Heat Analysis Lab, the Material Sample Preparing Lab.

Our research labs has full series analysis and testing instruments and facilities, including Fume hoods, Differential Scan Calorimeter (DSC), Universal Testing Machine, Melt Flow Rate Testing Instrument, Heat Deformation/Vicat Temperature Testing Instrument et al., total 43 sets of instruments. These labs and instruments enable our operation in both QA analysis/test and R&D projects in chlorinated polymers and modified polymeric materials.

Our core R&D team including 4 expert in polymer science and chemical engineering field, and other 25 engineers/technicians of background in polymer science, chemical engineering, Machinery, Automation et al. Since 2020, we have finished more than 40 R&D projects in chlorinated polymers and modified polymeric materials. Our R&D achievement including developing several new products and solving several major technical problems in chlorinated polymer field, obtaining several invent patents (and 3 invent patents in application).

We collaborates with the College of Chemical Engineering of Zhejiang University & Quzhou Research Institute (Zhejiang University) and also the College of Chemical Engineering of Guangxi University to carry out R&D projects on new products & technologies in functional modified polymer materials and functional material additives.

Our R&D system enable us to provide technology & material solution? to our customers.

完备研发系统 技术领先>>>

我们的公司建立了全面的研发体系，包括化学实验室、物理测试实验室、样品制备实验室。我们的实验室拥有全系列的测试和分析仪器，包括油烟机、差示扫描量热计（DSC）、通用测试机、熔体流动速率测试仪、热变形/维卡温度测试仪等，共43套仪器。这些实验室和仪器使我们能够在氯化聚合物和改性聚合物材料的QA分析/测试和研发项目中开展业务。



Comprehensive R&D system, leading technology

Our company set up the comprehensive R&D system, including chemistry lab, physical testing lab, sample preparing lab. Our labs we have the full series of Instrument for testing and analysis, including Fume hoods, Differential Scan Calorimeter (DSC), Universal Testing Machine, Melt Flow Rate Testing Instrument, Heat Deformation/Vicat Temperature Testing Instrument et al., total 43 sets of instruments. These labs and instruments enable our operation in both QA analysis/test and R&D projects in chlorinated polymers and modified polymeric materials.

公司核心团队>>>

The company's Core Team

梁博士
Dr.Liang

01

化工高分子材料专家，20年以上化工及高分子材料研究及从业经验。
日本理化学研究所，特别研究员。
日本东京工业大学 高分子材料学工学博士。
浙江大学高分子化工工学学士硕士。

Dr Liang : with over 20 years of research and experience in chemical and polymer materials.Special Researcher , in Japan Institute of Physics and Chemicony , Doctor of Engineering in Polymer Materials , Tokyo Institute of Technology , JapanBachelor and Master of Polymer Chemical Engineering, Zhejiang University.

孔高工
KONG

02

化工高分子材料专家，教授级高工，大型石化企业15年生产技术任职经历，历任大石化重要装置技术工程师，总工程师。
浙江大学化工系高分子材料工学学士硕士。
公司特种助剂核心技术专家。

Mr Kong : professor level senior engineer, 15 years of experience in production technology in large petrochemical enterprises, successively serving as technical engineer and chief engineer of major petrochemical plantsBachelor and Master of Polymer Materials Engineering, Department of Chemical Engineering, Zhejiang University.The core technical experts in special additives.

雷博士
Dr.lei

03

化工高分子材料专家，浙江大学教授，浙江大学高分子化工工学博士学历，某重点实验室负责人，高分子材料教授。
公司高分子改性材料平台核心技术专家顾问。

Dr Lei : professor at Zhejiang UniversityDoctoral degree in Polymer Chemical Engineering from Zhejiang University, head of a key laboratory, and professor of polymer materials.Expert consultant for the core technology of the company's polymer modified material platform.

赵博士
Dr.ZHAO

04

新型功能高分子材料专家，浙江大学教授，浙江大学高分子化工工学博士，高分子材料专家。
公司光学材料研发应用平台核心技术专家顾问。

Dr Zhao : Professor at Zhejiang UniversityDoctor of Polymer Chemical Engineering, Zhejiang University, expert in polymer materials.Expert consultant for core technology of the company's optical material R&D application platform.

合作大学>>>

Collaborating Universities

浙江大学，位于浙江省杭州市，是中华人民共和国教育部直属的综合性全国重点大学，位列国家“双一流”、“211工程”、“985工程”。

合作单位：浙江大学化工学院/浙江大学衢州研究院，

合作领域：功能化改性高分子材料项目。



Zhejiang University, located in Hangzhou, Zhejiang Province, is a comprehensive national key university directly under the Ministry of Education of the People's Republic of China, ranking among the national "double first-class", "211 project" and "Project 985".

Collaborating unit: School of Chemical Engineering, Zhejiang University/Quzhou Research Institute, Zhejiang University,

Cooperation area: Functionalized modified polymer material project.

广西大学，是广西办学历史最悠久、规模最大的综合性大学，是广西唯一的国家“211工程”建设学校，中西部高校提升综合实力计划建设高校，世界一流学科建设高校，教育部和广西壮族自治区人民政府合建的“部区合建”高校。

合作单位：广西大学化工学院。

合作领域：功能化材料/助剂项目。



Guangxi University, the oldest and largest comprehensive university in Guangxi, is the only national "211 Project" construction school in Guangxi, the colleges and universities in the central and western regions planned to improve their comprehensive strength, the world-class discipline construction colleges and universities, and the "ministerial and regional" colleges and universities jointly built by the Ministry of Education and the People's Government of Guangxi Zhuang Autonomous Region.

Collaborating unit: College of Chemical Engineering, Guangxi University.

Cooperation area: Functional materials/additives project.

公司管理体系>>>

公司于2022年8月通过质量管理体系认证、环境管理体系认证、职业健康安全管理体系三体系认证并获得相关认证证书。



Company Management System

We passed the quality management system certification, environmental management system certification, and occupational health and safety management system certification in August 2022 and obtained relevant certification certificates.

公司专利>>>



公司持续进行产品研发和技术攻关，共取得两项发明专利证书、五项实用新型专利证书，并将专利技术应用于产品的生产和应用过程中，提升产品质量。

Company Patent Profile

We continuously focus on R&D of new products and technology, and have been authorized two invention patents and five utility model patents. The patented technology has been applied to the production and application of products to improve product quality.

公司主营产品：锦桂氯化聚乙烯 (CPE) >>>

锦桂®氯化聚乙烯 (CPE) 树脂作为优良的抗冲改性剂被广泛的应用于PVC挤出、注塑制品领域，包括型材、板材、管材等。加入少量的锦桂® CPE树脂，可以极大的提高硬质PVC的抗冲性能，改善加工流动性。此外，因锦桂® CPE树脂具有良好的耐化学性、优异的低温性能、高填充性、优良的耐候性以及出色的相容性，使它用于更广泛的配方体系中。

CPE是目前PVC管材管件异型材工业被最广泛使用以及最经济的抗冲改性剂。

- 采用锦桂® CPE树脂改性的PVC管材其抗冲击性能和老化性能均得到改善，特别是大口径耐压液体输送管道为提高承压性能和增加使用年限而广泛采用CPE。
- 采用锦桂® CPE树脂与PVC共混生产的软制品，此时CPE作为PVC的永久性高分子增塑剂避免了一般增塑剂（譬如DOP等）的迁移现象。
- 锦桂® CPE树脂也作为改性剂、相溶剂应用于阻燃ABS、SAN、HDPE和PP材料中，提高以上材料的抗冲性能与阻燃功能。
- 锦桂® CPE树脂因其良好的耐磨、耐曲挠性，也被应用于磁材线缆鞋材等行业。

产品牌号		3513	3575	3585	3085
项目	检测方法	技术指标	技术指标	技术指标	技术指标
氯含量(%)	GB/T7139	35±2	35±2	35±2	35±2
拉伸强度(MPa)	GB/T528	≥12	≥10	≥10	≥15
断裂伸长率(%)	GB/T528	≥650	≥750	≥800	≥800
绍尔硬度A	GB/T531	≤65	≤65	≤65	≤65
熔融焓(J/g)	HG/T2704-2002	≤2.0	≤2.0	≤2.0	≤2.0
热稳定时间(min)	HG/T2704-2002	≥8	≥8	≥8	≥8
白度(度)	GB/T23774-2009	≥85	≥85	≥85	≥80
灰份(%)	GB/T2914	≤4.5	≤4.5	≤4.5	≤4.5
主要性能		结晶残留低 加工流动性佳 拉伸强度高	结晶残留低 加工流动性佳 拉伸强度弹性 均衡，综合优。	结晶残留低 加工流动性佳 伸长率高，抗冲 优异，类橡胶。	结晶残留低 加工流动性佳 伸长率高，抗冲 及相容优异。
主要用途		硬质PVC异型材 /板材/片材。	各种高速挤出的 PVC硬制品及注 塑制品。	PVC软硬制品， 部分可替代B型 料。	磁材及特种软制 品专用。


战略
合作
厂商



Main Product : IMPACT MODIFIER CPE 135A JINGUI® CPE



JINGUI® CPE is a high-performance chlorinated polyethylene (CPE) with high tensile strength and good processing property. This product is a specially designed impact modifier for dosages used for the extrusion of both soft and rigid PVC products. CPE 135A is excellent with high flexibility and can help in improving both the impact resistance and the processing property of both soft and rigid PVC products. This is an excellent additive for both saving cost and improving quality of soft/rigid PVC products.

CPE Grade NO.		3513	3575	3585	3085
Properties	Test Method	Typical value	Typical value	Typical value	Typical value
Cl Content (%)	GB/T7139	35±2	35±2	35±2	35±2
Tensile Strength(MPa)	GB/T528	≥12	≥10	≥10	≥15
Strain at break (%)	GB/T528	≥650	≥750	≥800	≥800
Hardness (Shore A)	GB/T531	≤65	≤65	≤65	≤65
Melting Enthalpy(J/g)	HG/T2704-2002	≤2.0	≤2.0	≤2.0	≤2.0
Heat Stability (min)	HG/T2704-2002	≥8	≥8	≥8	≥8
Whiteness (degree)	GB/T23774-2009	≥85	≥85	≥85	≥80
Ash Content (%)	GB/T2914	≤4.5	≤4.5	≤4.5	≤4.5
Main Properties	Low crystalline degree High tensile strain Excellent impact modifier Excellent processing property				
Main Application	Excellent impact modifier for high speed extrusion of rigid PVC pipes and also for injection molding of rigid PVC fittings; also excellent for soft PVC product applications. Recommended dosage of 2-4 PHR for rigid PVC product; 2-6 PHR for soft PVC sheet				
Strategic Collaborating Companies & Customers					

公司业务网络分布示意图>>>

Schematic diagram of company business network distribution

市场覆盖华南区（广东、广西、海南）、华东区（福建、浙江、江西、安徽、江苏）、华中区（河南、湖北、湖南）、西南区（云南、贵州、重庆、四川），出口东南亚、南亚。战略合作客户包括：中石油、中石化、海螺型材、Lg、雄塑、公元管道。



The market covers South China (Guangdong, Guangxi, Hainan), East China (Fujian, Zhejiang, Jiangxi, Anhui, Jiangsu) Central China (Henan, Hubei, Hunan), Southwest China (Yunnan, Guizhou, Chongqing, Sichuan), exported to Southeast Asia and South Asia.

Strategic cooperation clients include: China National Petroleum Corporation, China Petro Chemical Corporation, Conch Profile, LGchemistry, Homso Technology, and ERA Pipesystem.

公司主力产品：优桂安® 改性塑料系列产品

优桂安® 改性塑料系列产品由公司下设专业改性塑料子公司广西优安新材料科技有限公司（优安新材）研发生产销售。优安新材致力于建设10万吨改性塑料产业基地，涵盖聚烯烃材料改性、工程塑料改性和纤维复合材料等多种改性塑料业务。

1.工程塑料系列

1.1ABS改性系列

检测项目	单位	检测标准	检测条件	ABS改性产品牌号性能指标				
				阻燃型AG-3130S	注塑级PH799S	挤出级HB236	挤出级合金HB266	注塑级合金HI138
产品性状	--	--	目测	本色颗粒	本色颗粒	本色颗粒	本色颗粒	本色颗粒
熔融指数	g/10min	GB/T3682-2000	220°C/10kg	25	13.5	8.3	13.6	8.3
密度	g/cm ³	GB/T4472-84	23°C	1.15	1.04	1.02	1.1	1.05
拉伸强度	Mpa	GB/T1040.2-2006	50mm/min	42.2	40.5	46.3	41.6	46.3
弯曲强度	Mpa	GB/T9341-2008	2mm/min	51.5	53.7	53.9	51.3	52.9
弯曲模量	Mpa	GB/T9341-2008	2mm/min	2250	2152	2271	1904.9	2171
简支梁冲击强度	kJ/m ²	GB/T1043.1-2008	A类缺口 (5j, 2.9m/s)	24.5	42.7	35.7	42	37.6
维卡软化温度	°C	GB/T1633-2000	50n, 50oc/h	87	92	93.5	85.9	92
阻燃等级	--	UI94	1/10"	V-0	--	--	--	--
建议加工温度		UI94		190-210°C	190-205°C	190-205°C	165-175°C	190-205°C
特性描述				高阻燃、高流动、高抗冲	高流动、高抗冲	高强度、高抗冲	高强度、高抗冲	高流动、高抗冲

1.2PC/ABS合金系列

检测项目	单位	检测标准	检测条件	PC/ABS合金产品牌号性能指标				
				PCAB-315S	PCAB-325S	PCAB-335S	PCAB-345S	PCAB-355S
产品性状	--	--	目测	本色颗粒	本色颗粒	本色颗粒	本色颗粒	本色颗粒
拉伸强度	Mpa	GB/T1040.2-2006	50mm/min	40	42	45	47	52
断裂伸长率	%	GB/T1040.2-2006	50mm/min	40%	40%	40%	50%	100
弯曲强度	Mpa	GB/T9341-2008	2mm/min	61	65	68	70	72
弯曲模量	Mpa	GB/T9341-2008	2mm/min	2100	2150	2280	2230	2250
简支梁冲击强度	kJ/m ²	GB/T1043.1-2008	A类缺口 (5j, 2.9m/s)	15	25	38	42	52.5
维卡软化温度	°C	GB/T1633-2000	50n, 50oc/h	100	102	105	106	110
密度	g/cm ³	GB/T4472-84	23°C	1.06	1.07	1.09	1.09	1.11
熔融指数	g/10min	GB/T3682-2000	260°C、5kg	9	8	8	8	12
建议加工温度				240-260°C	240-260°C	240-260°C	240-260°C	240-260°C
特性描述				高弯曲、高耐热、高性价比	高弯曲、高耐热、高性价比	高弯曲、高抗冲、高耐热、高性价比	高弯曲、高抗冲、高耐热、高性价比	高弯曲、高抗冲、高耐热、高性价比

公司主力产品：优桂安® 改性塑料系列产品

2. 填充母粒系列

2.1 PP拉丝母料系列

检测项目	单位	测试方法	MD8090	MG15088
熔融指数	g/10min	GB/T3682-2008 230°C 2.16kg	10±2	10±2
挥发分	%	GB/T2914-2008	< 0.3	< 0.3
灰分	%	GB/T9345.1-2008	< 49	< 47
拉伸强度 (15%母粒)	Mpa	GB/T528-2009	> 26	> 30
吹膜测试	将15%母粒与85%的PP拉丝原料在试验机中吹塑拉成薄膜，观察母粒的分散效果。		母粒的分散均匀，表面光滑。	
备注：MD8090适用于PP的低速拉丝，使用800目的钙粉，有良好的分散性和流动性，能够很好的提高产品的外观和物理性能；MG15088适用于PP的高速拉丝，使用1500目的钙粉，有更好的分散能力和结合力，保证高速拉丝稳定生产。				

2.2 PE母料系列

(1) PE增强母粒

检测项目	单位	测试方法	W401	W402
熔融指数	g/10min	GB/T3682-2008 190°C 2.16KG	20-40	40-80
比重	--	GB/T4472-84	1.78-1.82	1.78-1.82
灰分	kg/m ²	GB/T9345.1-2008	68-72	68-72
冲击强度 (HDPE1: 1注塑样条)	kg.cm/cm	GB/T1043.1-2008	> 12	> 12
弯曲强度 (HDPE1: 1注塑样条)	Mpa	GB/T1040.2-2006	> 18	> 18
弯曲模量 (HDPE1: 1注塑样条)	Mpa	GB/T9341-2008	> 1900	> 1900
备注：外壁增强母料采用800-1000目的滑石粉，硅含量 > 55%；母料与树脂有很好的相容性，能提高材料的刚性和尺寸稳定性，是PE双壁波纹管有很好的环刚度和良好的环柔性；W401适用中低速挤出机，具有稳定的性能，W402适用高速挤出机，具有很好的流动性。				

(2) PE填充母粒

检测项目	单位	测试方法	N301	N302
熔融指数	g/10min	GB/T3682-2008 190°C 2.16KG	20-30	40-60
比重		GB/T4472-84	1.96-1.98	1.96-1.98
灰分	kg/m ²	GB/T9345.1-2008	46-48	46-48
冲击强度 (HDPE1: 1注塑样条)	kg.cm/cm	GB/T1043.1-2008	> 8	> 8
弯曲强度 (HDPE1: 1注塑样条)	Mpa	GB/T1040.2-2006	> 15	> 15
弯曲模量 (HDPE1: 1注塑样条)	Mpa	GB/T9341-2008	> 1000	> 1000
备注：内壁母料采用800目的碳酸钙，母料与树脂有很好的相容性和分散性，使PE双壁内光滑无白点；N301适用中低速挤出机，具有稳定的性能，N302适用高速挤出机，具有很好的流动性。				

广西百色田东锦江循环产业园

Jinjiang Circular Industry Park.Tiandong County.Guangxi China.

