

**WE SPECIALIZE
IN PAPER CHEMICALS**
我们专注于造纸化学品



广东诚铭化工科技有限公司

Guangdong Chengming Chemical S&T Co., Ltd.

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公司简介



广东诚铭化工科技有限公司成立于2003年，是一家专注于造纸化学品解决方案的公司，诚铭化工从造纸和制浆工艺、水处理等方面为客户提供先进的化学品，并持续关注针对客户的挑战与压力，提供有竞争力的解决方案，持续为客户带来价值。

诚铭化工在中国拥有2个工厂，1个研发中心及1个造纸技术中心，两所生产基地分别位于南通和东莞的国家级化工园区，并在泰国成立了分公司。诚铭化工造纸化学品总产能60万吨，产品覆盖造纸制浆、造纸过程助剂、功能助剂、丁苯胶乳等涂料加工助剂和水处理等化学品，是集生产、销售及技术服务为一体的现代化高新技术造纸化学品企业。

Founded in 2003, Guangdong Chengming Chemical S&T Co., Ltd. is a company specializing in paper chemicals solutions. Chengming Chemical provides customers with advanced chemicals from papermaking and pulping processes, water treatment, and etc. Targeting customers' challenges and pressures, providing competitive solutions that continue to deliver value to customers.

Chengming Chemical has two factories in China, one R&D center and one paper technology center. The two production bases are located in the national chemical parks of Jiangsu Province and Guangdong Province, and set up branches in Thailand. Chengming Chemical's papermaking chemicals have a total production capacity of 600,000 tons. The products cover paper pulping, papermaking process auxiliaries, functional auxiliaries, styrene-butadiene latex and other coating processing auxiliaries and water treatment chemicals. Chengming Chemical is a modern high-tech papermaking chemical enterprise specializing in the production and sales of paper chemicals as well as providing technical services.

CORPORATE CULTURE

企业文化

我们始终坚持“诚信、尊重、责任”的企业核心价值观，重视任务与成果，关切人的尊严与发展；我们认真对待每一份承诺，并做到言行一致、信守承诺，为做全球值得依赖的造纸化学品公司而努力。我们尊重每一位员工，尽力提供人性化的工作环境，鼓励员工发挥个人智慧；我们尊重合作伙伴，尽力提供安全环保、具有竞争力的解决方案，持续为客户创造价值。我们对自己、对同事、对公司、对合作伙伴及社会负责，完善体系，提升能力，共同成长！

We always adhere to the core values of "integrity, respect, responsibility", attach importance to tasks and achievements, and pay attention to human dignity and development; we take every commitment seriously, and do what we say and do, keep our promises, and make efforts to be a trusted paper chemicals company. We respect every employee, try our best to provide a humanized working environment, and encourage employees to develop their personal wisdom. We respect our partners and try our best to provide safe, environmentally friendly and competitive solutions to create value for our customers. We are responsible for ourselves, our colleagues, our company, our partners and our society, improve our systems, enhance our capabilities and grow together!

Integrity, Respect,
Responsibility
诚信、尊重、责任

Continue to create value
for customers
持续为客户创造价值

Grow together
共同成长



We Specialize
In Paper Chemicals

我们专注于造纸化学品

PRODUCTION BASE

生产基地

基地处于经济发达的长江三角洲腹地、位于江苏省国家沿海经济开发区、南通市如东县洋口化工科技园区；公司距离南通港码头仅60公里，地理位置优越，交通便利，运输便捷。公司主要生产丁苯胶乳和造纸功能助剂，年产能28万吨。公司所有产品生产线均采用国内及国际先进的自动化控制生产线，生产设备精良，生产工艺技术国际领先，产品品质卓越，性能稳定，值得信赖。

The base is located in Jiangsu province coastal economic development zone-Nantong City Rudong County Yangkou Chemical Science and Technology Park in the hinterland of developed Yangtze River Delta; the base is only 60 kilometers far from Nantong port, with favorable geographical position and convenient transportation. The base introduces domestic and international advanced automatic control production lines, and is equipped with high-quality production devices and world-leading production technology, to produce reliable products with excellent quality and stable performances.

Nantong Jiangsu
Production Base
江苏南通生产基地



Guangdong Dongguan Production Base 广东东莞基地

广东东莞位于珠江口东岸，号称“世界工厂”，广东重要的交通枢纽和外贸口岸。其中广东腾龙化工科技有限公司位于省级化工园—虎门港化工园区，占地150亩；主要生产丁苯胶乳，制浆造纸功能助剂，过程助剂，水处理等化学品及各类环保产品，总产能32万吨/年。生产基地装备齐全、先进，全部为国内外行业领导品牌。

Located in the east coast of the Pearl River Estuary, Guangdong Dongguan production base, known as the "world factory", is an important transportation hub and foreign trade port in Guangdong Province. The company invested and built Guangdong Tenglong Chemical S&T Co., Ltd. Guangdong Tenglong production base is situated in Humen Port Chemical Industrial Park, a provincial chemical industry park, covering an area of 150 mu; it mainly produces styrene-butadiene latex, pulp and paper functional additives, process additives, water treatment chemicals and various environmental protection chemicals. The product has a total capacity of 320,000 tons/year. The production line is equipped with advanced equipment of leading brands at home and abroad.



TECHNOLOGY
AND R&D CENTER

技术研发

诚铭化工下属的造纸技术中心与研发中心，拥有多位具有丰富经验的造纸技术研究人员，装备精良，实力雄厚，并与国内多所造纸化学研究机构建立了长期的技术合作。我们拥有持续不断的创新能力，可为客户提供全面的造纸化学品解决方案，并帮助客户实现环境、社会和经济的可持续发展。

Chengming Chemical has a paper technology center and a R&D center with many experienced paper technology researchers, equipped with excellent equipment. The centers establish strong long-term technical cooperation with many domestic paper chemical research institutions. We have the ability to continuously innovate to provide our customers with comprehensive paper chemicals solutions and to help customers with environmental, social and economic sustainability.



Technology
And
R&d Center
技术研发

- ◎ 研究人员
- ◎ 装备精良
- ◎ 实力雄厚



SAFETY AND ENVIRONMENTAL RESPONSIBILITY

安全环保责任

诚铭化工积极倡导安全环保理念，引进了国际先进的废水回收再利用系统、纯水处理系统和大型的废水收集处理装置，生产废气统一收集，由RTO装置燃烧处理，并配备了产品安全消防控制中心，为企业安全环保提供了有力的保障，为客户提供安全放心产品，最大程度的减少产品生产对环境带来的危害。

Chengming Chemical actively advocates the concept of safety and environmental protection, and introduces international advanced wastewater recycling and reuse systems, pure water treatment systems and large-scale wastewater collection and treatment devices, waste gas is collected and burned by RTO device. And the product safety fire control center provides a strong guarantee for enterprise safety and environmental protection. We aimed to provide customers with safe and secure products, to minimize the environmental damage caused by production.



COATING CHEMICALS

涂布化学品



羧基丁苯胶乳

Carboxyl Styrene Butadiene Latex

Latex for Pre-coating 底涂胶乳

- ◎ 粘结强度好，与涂料各组分相容性好，良好的涂布机运行稳定性。
- ◎ High bonding strength and good compatibility with other coating components.
Good Runnability on any type of coating machinery.

Latex for Top-coating 面涂胶乳

- ◎ 光泽度、印刷光泽度高，干、湿拉毛强度好，良好的涂布机运行稳定性。
- ◎ Greater gloss and ink gloss
Good dry and wet pick .
Good Runnability on any type of coating machinery

Shoes Material Latex 鞋材胶乳

- ◎ 味微环保、与鞋材中底用羧基丁苯胶乳（软、硬胶）的混合比例，能有效地调节胶膜的硬度，以适应气候的变化和鞋材中底对粘合强度、抗挠折性和手感的要求。
- ◎ Slight smell and environment -friendly.
Adjusting the combination of soft and hard coating binder to obtain different strength,hand feeling and adapt climate change.

Coating Lubricant 涂布润滑剂

水溶性 Water Soluble

- ◎ 在30-200℃的广泛温度下，具有出色的润滑脱模性能。
- ◎ 机械稳定性、配伍性好，用量省，适合于高速涂布纸机。
- ◎ 延长刮刀寿命，减少纸面起毛、掉粉，改善涂层表面粗糙度。
- ◎ Excellent lubrication release properties at a wide temperature range of 30-200℃.
- ◎ Good mechanical stability, good compatibility and low dosage.Suitable for high speed coated paper machine.
- ◎ Extend the life of the scraper, reduce the fluffing and falling of the paper, and improve the surface roughness of the coating.

Dispersant 分散剂

聚丙烯酸钠 Sodium Polyacrylate

- ◎ 为新高分子系分散剂，最适和使用于涂布料之配制，针对难分散的煅烧白土、轻质碳酸钙，钛白粉等涂布用颜料有很优异之分散效果。
- ◎ Polymer Dispersant,used in the preparation of coating color kitchen.
It has excellent dispersion effect on coating pigments such as calcined clay, precipitated calcium carbonate and titanium dioxide which are difficult to disperse.

Pigment 颜料

颜料 Pigment

- ◎ 应用于涂布白板纸、铜版纸、铸图纸上的涂料调色，能提高视觉白度、增强纸张抗氧化能力。良好的耐晒牢度、良好的酸碱稳定性。
- ◎ It is used to improve visual whiteness and enhance paper oxidation resistance,good light fastness and good acid-base stability.





AKD

- ◎ 烷基烯酮二聚体系乳化物。除赋予纸张优异的拒水性,同时也明显提高纸张表面强度及印刷适印性,广泛适用于高强瓦楞原纸、高档文化用纸等工业。
- ◎ An alkyl ketene dimerization system emulsion. In addition to imparting excellent water repellency to paper, it also significantly improves the surface strength and printability of paper, and is widely used in high-strength corrugated paper, high-grade cultural paper.

SAE Surface Sizing Agent SAE表面施胶剂

- ◎ 为丙烯酸酯系聚合物, 除赋予纸张优异的抗水性, 同时对纸张的油墨吸收性和表面强度有一定的提高。适用于牛皮箱板纸、高强瓦楞纸、白板纸、双胶纸等纸种的表面处理。
- ◎ It is an acrylate-based polymer, which imparts excellent water resistance to paper and also improve ink absorption and surface strength. It is suitable for kraftliner, high-strength corrugated paper, whiteboard and offset paper.

Dry Strength Agent 干强剂

- ◎ 从低添加率到高添加率, 都显示良好的干强效果。即使持续提高干强剂添加率, 也能持续发挥相应干强效果。较小的添加率也能抄造高强度的纸种。在阴离子垃圾多的系统或电导度高的系统内, 也能发挥良好的干强效果。显示良好的助留和滤水性能。
- ◎ Excellent dry strength performance from a low addition rate to a high addition rate of dry strength agent The dry strength performance increases accordingly with the dosages increase. A small addition rate can also produce high-strength paper. It can display good dry-strength performance in a system with a large amount of anionic trash or with high electrical conductivity. Good retention and drainage performance.

Wet Strength Agent 湿强剂

- ◎ 湿强剂能够提高纸张湿端强度, 降低湿部断纸频次, 提高滤水, 提高纸幅的湿强度, 是环保类产品。
- ◎ Wet strength agent can improve the wet end strength of the paper, reduce paper breakage, improve the water filtration and wet strength of the paper web. It is an environmentally friendly product.





PAPER MAKING PROCESS CHEMICALS

造纸过程化学品



Pulp Defoamer 制浆消泡剂

有机硅 Silicone

- ◎ 消泡能力强，抑泡持久性，产品配伍好，适合在各种纸浆工业黑液洗涤线上应用，耐高温高碱环境
- ◎ Strong defoaming ability, Anti-foaming durability, Good compatibility, Suitable for application in black liquor washing line of various pulp, Resistance to high temperature and high alkali.

Papermaking Defoamer 造纸消泡剂

脂肪醇 Fatty Alcohol

- ◎ 高效的纸浆脱气剂，具有较好的系统兼容性，不影响其他化学品的使用，适应不同温度下使用。
- ◎ Efficient pulp defoamer with good system compatibility, does not affect the use of other chemicals, and adapts to different temperatures.

聚醚 Polyether

- ◎ 具有表面活性剂作用的消泡剂，脱泡能力强，用量低，适合在高温环境，也适用于表胶，涂料工段。
- ◎ Defoamer of surfactant type.
Strong defoaming ability.
Low dosage.
Suitable for high temperature environment, also suitable for surface sizing, coating section.

Coating Defoamer 涂料消泡剂

矿物油 Mineral Oil

- ◎ 适合用在胶乳、色浆等高浓度体系中，不会影响产品缺陷，消泡能力强，兼容性好。
- ◎ Suitable for systems such as latex and color paste of high concentration.
It does not cause product defects.
Strong defoaming ability.
Good compatibility.



Microbial Control Agent
杀菌剂

DBNPA

- 快速杀菌剂，广谱型，在较宽的pH范围内具有优良的效果，起效快，对纤维没有亲和性，不影响纸张白度。
- Rapid reaction fungicide, broad-spectrum type, has excellent effect in a wide pH range, fast onset, no affinity for fiber, and does not affect paper whiteness.

异噻唑啉酮 Isothiazolinone

- 属于广谱型防腐杀菌剂，防腐时间长，能够应用于涂料和辅料系统的微生物控制。
- It is a broad-spectrum microbial control agent with long antiseptic time and can be applied to microbial control of coatings and auxiliary systems.

氧化型 Oxidized type

- 和次氯酸钠混合反应后产生低氧化杀菌剂，对纤维温和，降解速度快易于处理，有利于剥离纸机设备表面的生物膜。
- After mixing with sodium hypochlorite, it produces a low-oxidation fungicide, which is mild to fiber, and has a fast degradation rate and is easy to handle, which is beneficial to the biofilm on the surface of the paper machine.



Forming Net Cleaning Agent
(Cleaner)
成型网保洁剂

阳电荷聚合物 Positively Charged Polymer

- 无毒害无腐蚀产品，有利于保护成型网洁净，防止胶黏物沉积在成型网上，提高纸机运行效率。
- Non-toxic and non-corrosive products, help to protect the forming net clean, prevent the deposition of adhesive on the forming wire, and improve the operating efficiency of the paper machine.

非离子 Nonionic

- 喷淋在成型网是不变色，保护成型网不受树脂污染，提高纸机运行效率，减少孔洞产生。
- Spraying does not change color in the forming net, protects the forming net from resin contamination, improves paper machine operating efficiency, and reduces hole generation..



Cloth Cleaning Agent
(Cleaner)
毛毯保洁剂

酸性/中性/碱性 Acidic / Neutral / Alkaline

- ◎ 含有溶剂，分散剂等有机成分，可降低毛布的脏污速度，提高毛毯使用效率，提高毛毯的使用寿命，提高纸机运行效率。
- ◎ Contains organic components such as solvents and dispersants to reduce the fouling speed of the felt, improve the efficiency of the felt, improve the service life of the felt, and improve the operating efficiency of the paper machine.

Fabric Cleaning Agent
(Cleaner)
织物清洗剂

酸性/中性/碱性 Acidic / Neutral / Alkaline

- ◎ 含有溶剂，分散剂等有机成分，清洗织物表面或内部的脏污成分，提高织物的使用效率和寿命，提高纸机运行效率。
- ◎ Contains organic components such as solvents and dispersants to clean the surface of the fabric or internal dirt, improve the efficiency and life of the fabric, and improve the operating efficiency of the paper machine.

Sytem Cleaning Agent
(Cleaner)
系统清洗剂

酸性/中性/碱性 Acidic / Neutral / Alkaline

- ◎ 含有溶剂，分散剂等有机成分，清洗纸机内部管道表面的胶黏物物和生物膜等各类沉积物，提高系统洁净度，提高纸机运行效率。
- ◎ Contains organic components such as solvents and dispersants to clean all kinds of deposits such as adhesives and biofilms on the inner pipe surface of the paper machine, improve system cleanliness and improve paper machine operating efficiency.

Scale Inhibitor
抑垢剂

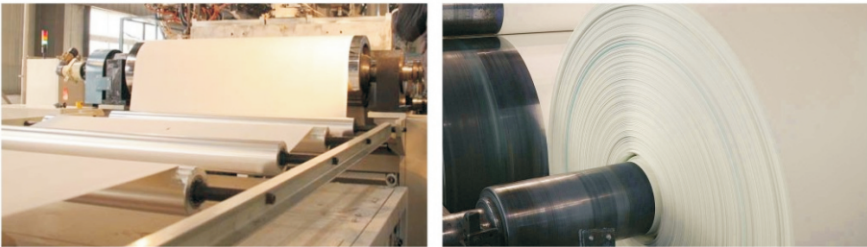
无机阴离子 Inorganic anionic

- ◎ 阴离子无机分散剂，适用于真空系统，纸机湿部系统，尤其适用于控制碳酸钙造成的结垢问题。
- ◎ Anionic inorganic dispersant for vacuum systems, paper machine wet end systems, especially for controlling scaling problems caused by calcium carbonate.

Release(Stripping) Agent
剥离剂

油类 Oil

- ◎ 能够提高烘缸的洁净度，提高刮刀的使用寿命，减少因纸毛带来的运行性问题。
- ◎ It can improve the cleanliness of the dryer, improve the service life of the scraper, and reduce the running problems caused by the paper wool.



Adhesive(Stickies)
Control Agent
胶黏物控制剂

高阳电荷 High positive charge

- ◎ 高阳电荷可以对胶黏物进行包裹，附着在纤维上，随纸幅成型带出纸机系统。
- ◎ The high-positive charge can wrap the adhesive and attach it to the fiber, forming a paper exiter system with the web.

非离子 Nonionic

- ◎ 有机成分，不影响系统电荷，不会沉积，能够钝化胶黏物的表面，将胶黏物带出纸机系统。
- ◎ Organic ingredients, do not affect the system charge, will not deposit, can passivate the surface of the adhesive, and bring the sticky out of the paper machine system.

Deinking Agent
脱墨剂

钠皂类 Sodium Soap

- ◎ 适合旧报纸，废旧办公用纸，废旧书刊纸等不同类型纸种的脱墨需求，性价比高，适合大型脱墨浮选设备，泡沫可控。
- ◎ It is suitable for the deinking requirements of different types of papers such as old newspapers, used office papers, and waste books and papers. It is cost-effective and suitable for large-scale deinking flotation equipment with controllable foam.

Paper Functional
Chemical

造纸功能化学品



表面活性剂类 Surfactant

- ◎ 液体脱墨剂，添加方便，较好的平衡了脱墨和捕集之间的关系，减少纸幅尘埃点，提高纸张白度。
- ◎ Liquid deinking agent, easy to add, balance the relationship between deinking and trapping, reduce paper dust point and improve paper whiteness.

Retention Agent
助留剂

干粉聚丙烯酰胺 Powder Polyacrylamide

- ◎ 高分子量低阳电荷产品，稳定的分子结构，溶解速度快，不易结团，能够显著提高保留率，不影响纸张匀度。
- ◎ High molecular weight and low positive charge products, stable molecular structure, fast dissolution rate, not easy to agglomerate, can significantly improve the retention rate without affecting the paper formation.

液体有机微粒 Liquid Organic Particles

- ◎ 有效提高浆料滤水能力，提高灰分保留率，改善纸页成型，提高纸机的运行效率。
- ◎ Effectively improve the water filtration capacity of the slurry, improve the ash retention rate, improve the sheet forming, and improve the operating efficiency of the paper machine.

Anaerobic System Calcification
Control Agent
厌氧系统钙化控制剂

厌氧系统钙化控制剂
Anaerobic System Calcification Control Agent

- ◎ 阴离子聚合电解质水溶液，对水处理中的钙、镁离子具有极强的捕捉和稳定功效，不含磷酸盐，降低厌氧系统的钙化风险，提高厌氧塔的COD去除率。
- ◎ It is a anionic polyelectrolyte aqueous solution ,which has strong capturing and stabilizing effects on calcium and magnesium ions in water treatment and without containing phosphate. it can reduces the risk of calcification of anaerobic system, and increases the COD removal rate of anaerobic tower.

Electrical Neutralizer
电性中和剂

电性中和剂 Electrical Neutralizer

- ◎ 有机产品，高阳电荷，低分子量，能够完全替代硫酸铝，降低由于硫酸铝带来的白度下降问题，系统pH降低问题，硫酸根离子的腐蚀问题以及硫酸根离子对污水处理的影响等问题。
- ◎ It is an Organic products, which has high cationic charge, low molecular weight,. It can completely replace Aluminum sulfate , reduce the problem of whiteness drop caused by aluminum sulfate, system pH reduction problem, corrosion of sulfate ion and the influence of sulfate ion on wastewater treatment.



WATER TREATMENT CHEMICALS

水处理化学品

Flocculant 絮凝剂

阴离子、非离子、阳离子和两性 Anionic、Nonionic、Cationic And Amphoteric

- ◎ 适用在造纸白水气浮处理，污水处理以及污泥脱水等各个工段，是线性高分子聚丙烯酰胺，易溶解，可以量身定制选择不同类型产品，解决SS含量高以及污泥脱水干度问题。
- ◎ It is suitable for various papermaking sections, such as white water air flotation treatment, sewage treatment and sludge dewatering. There are the linear polymer polyacrylamide, easy to dissolve, can be customized to choose different types of products, to solve the problem of high SS content and sludge dewatering.

Deodorant 除臭剂

除臭剂 Deodorant

- ◎ 绿色环保产品，可添加至污水处理系统，不影响生化，用量低，见效快，有效解决造纸厂各个工段异味问题，添加方式可以喷雾方式或直接加入白水系统或者污水系统流程。
- ◎ It is an environment-friendly product and can be added to the wastewater treatment system without affecting biochemical. It has quick effect with low dosage and can effectively solve the problem of odor in each section of the paper mill. It can be sprayed or directly added to the white water system or wastewater system process.



PAPER DYES

纸用染料

Paper Dyes 纸用染料

- ◎ CMSol® 纸用染料适用于涂层，卫生纸，绉纱，工艺品，新闻纸，纸板，纤维板，非织造布，模塑和书写纸产品。
- ◎ CMSol® paper dyes are applicable to coated, tissue, crepe, craft, newsprint, cardboard, fiberboard, nonwoven, molded, and writing paper products.

阴离子直接染料 Anion direct dyes

- ◎ 适用于打浆机染色应用，我们提供二种形态的色料；
- ◎ Anionic direct dyes -suitable for beater dyeing applications offering a wide range of shades available in 2 formations;
-CMSol® DIRECT Liquid
-CMSol® DIRECT Powder

阳离子碱性染料 Cationic basic dye

- ◎ 赋予明亮的色调，适用于未漂白的原材料或于压染和打浆染色。我们提供二种形态色料；
- ◎ Cationic basic dyes -giving bright shades, good for unbleached stock and suitable for using in calendar staining as well as beater dyeing. Available in 2 formations.
-CMSol® BASIC Liquid
-CMSol® BASIC Powder

