

用锌创造美好生活
Zinc Make Better Life

COASTAL ZINC

 **东台市沿海锌业集团有限公司**
DONGTAI COASTAL ZINC INDUSTRY GROUP CO., LTD.

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· Pharmaceutical 医药
Zinc chloride can be used as catalyst for organic synthesis in pharmaceutical and chemical industry.
氯化锌在医药化工行业中可以用作有机合成时的催化剂。



· Water Treatment 水处理
Zinc chloride is added to the pipe as a corrosion inhibitor to prevent rusting.
在管道中加入氯化锌作为缓蚀剂, 来防止锈蚀。



· Pesticide 农药
氯化锌能够有效地防止地衣和苔藓的生长。
Zinc Chloride is effective to prevent the lichen and moss growth.

COASTAL ZINC'S PRODUCTS ARE BEING APPLIED IN EVERYWHERE

沿海锌业产品, 应用无处不在



· Ion Exchange Resin 离子交换树脂
Coastal Zinc® Zinc Chloride 98% is the effective catalyst for manufacturing ion exchange resin.
沿海® 98%含量的氯化锌是生产离子交换树脂的有效催化剂。



· Zinc Benzenesulfinate 苯亚磺酸锌
Coastal Zinc® Zinc Benzenesulfinate can effectively improve the foaming efficiency of foaming agent.
沿海® 苯亚磺酸锌可以有效提高发泡剂的发泡效益。


PROFILE / 集团简介

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东台市沿海铝业集团有限公司是国际领先的以氯化锌、氧化锌、锌粉、苯亚磺酸锌等为主要产品的生产型制造企业。致力于服务全球医药、水处理、农药、树脂、电镀、印染、造纸、发泡剂等众多行业与市场。

集团始建于2003年。通过几轮并购，现已拥有5家核心子公司和4个生产基地，其中氯化锌的年产能达到3.5万吨，占据了50%以上的高端市场份额。为全球30多个国家和地区提供种类繁多，品质优秀的产品和服务。

绿色、环保、可持续发展的理念始终贯穿集团近二十年的成长与发展。在生产经营活动中始终关注安全生产，环境保护，经济效益三方面和谐发展。在集团研发团队的支持下，对含锌废料和废水的处理和可循环再利用，提供技术支持和解决方案。

Dongtai Coastal Zinc Industry Group Co., Ltd. is an international leading manufacturer of Zinc Chloride, Zinc Oxide, Zinc Powder, Zinc Benzenesulfinate and other products. It is committed to serving the global pharmaceutical, water treatment, pesticide, resin, electroplating, printing & dyeing, paper, foaming agent many other industries & markets.

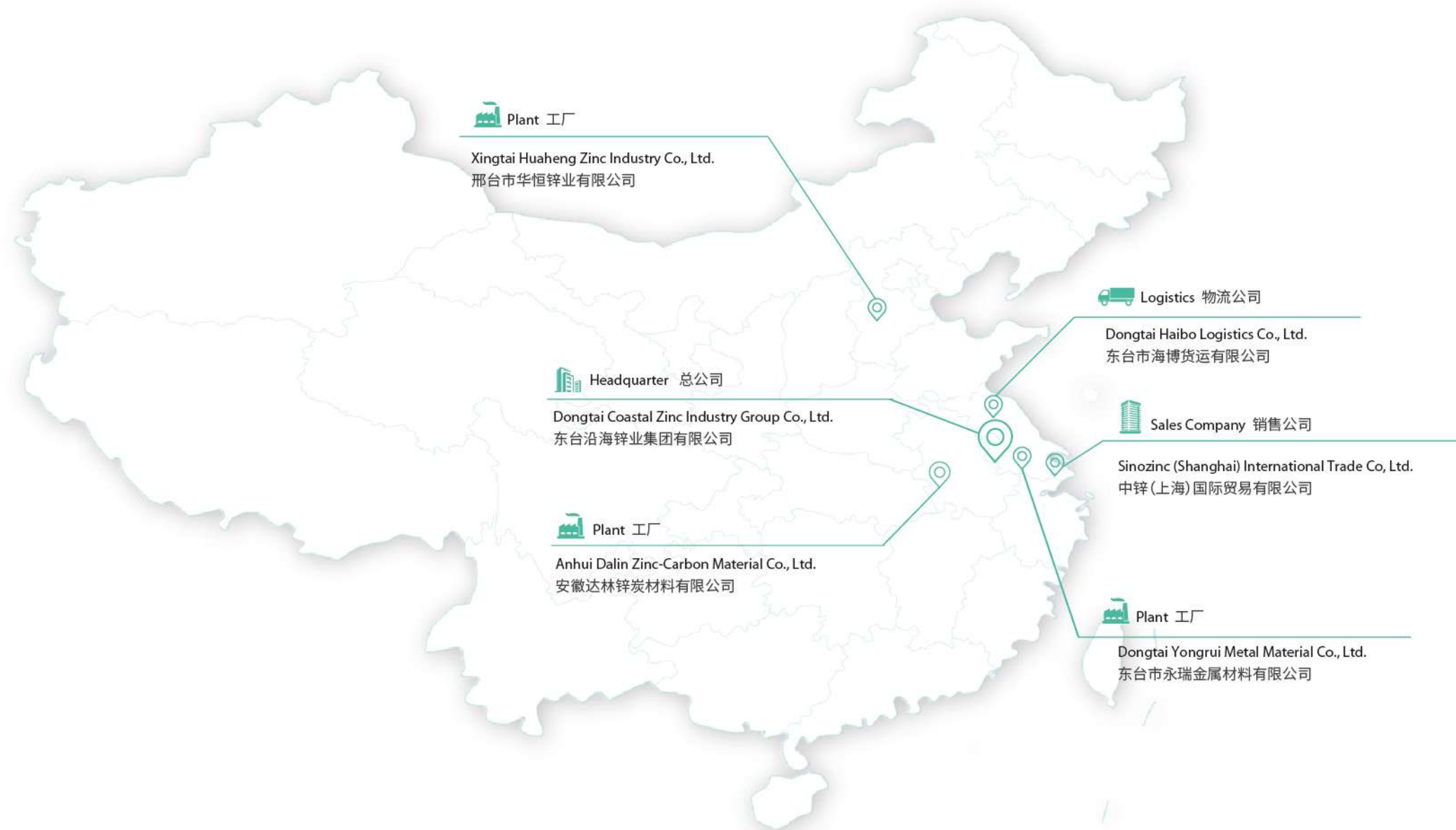
The group was founded from 2003. Through several rounds of mergers and acquisitions, it now has 5 core subsidiaries and 4 production bases, with an annual capacity of 35,000 tons of Zinc Chloride, occupying more than 50% of the high-end market share. It has provided a wide range of high-quality products and services to more than 30 countries and regions.

The concept of environmental protection and sustainable development has been running through the group's growth and development in the past 20 years. We always pay attention to the harmonious development of production safety, environmental protection and economic benefits in production and operation activities. And we can provide technical support & solutions for the treatment and recycling of zinc-containing wastes and wastewater under the support of the group R&D team.



GROUP STRUCTURE/HISTORY

集团构架/发展史



Sinozinc(Shanghai)International Trade Co.,Ltd.



The company was built in 2020. As a wholly owned subsidiary of Coastal Zinc Group's marketing unit, Sinozinc is located in the international financial & trade center city, Shanghai, and provides the top products of the group and subsidiaries to domestic & abroad markets and customers, to meet global market demand for the growing zinc chemicals, and bring value-added products & services and cost savings to clients.

中锌(上海)国际贸易有限公司

公司成立于2020年。作为沿海锌业集团的营销型全资子公司，中锌立足于国际金融贸易中心城市上海，将本集团和各子公司的顶级产品供应给国内外市场和客户，以满足全球市场对锌化学品日益增长的需求，为客户带来产品和服务的增值以及成本的节约。

Dongtai Haibo Logistics Co., Ltd.



The company was built in 2018. It has advanced transport vehicles for hazardous chemicals & general cargo and owns road transport permits for hazardous chemicals. After years of development, it has formed a professional & reliable logistics talent team and transportation management system. The company provides safe & efficient logistics services and safeguard for the group and industry customers.

东台市海博货运有限公司

公司成立于2018年，拥有先进的危化品和普货运输车辆，具备危化品道路运输许可。经过多年发展，打造形成了专业可靠的物流人才团队和运输管理体系。为本集团和行业客户提供安全高效的物流服务和保障。

Dongtai Yongrui Metal Material Co., Ltd.



Yongrui Metal was built in 2015. It can develop and produce Zinc Powder and Zinc Oxide of various specifications. The company provides quality raw material products & services to the group's manufacturing plants and industry customers.

东台市永瑞金属材料有限公司

公司成立于2015年,研发和生产各种规格的锌粉、氧化锌。为本集团旗下的各生产工厂以及行业客户提供优质的原料产品和服务。

Anhui Dalin Zinc-Carbon Material Co., Ltd.



Dalin Zinc Carbon was built in 2011 that covers an area of 35,000 square meters. It is the subsidiary of Coastal Zinc Group. There are more than 100 various personnel of management, technique & production with annual output of 20,000 Mts Zinc Chloride, 3,000 Mts Zinc Benzenesulfinate and Zinc P-Toluenesulfinate. The company achieved ISO quality, environment, health system certifications. Through the efforts and innovation, Dalin Zinc Carbon constantly meets the growing market & customer demand for zinc chemicals.

安徽达林锌炭材料有限公司

公司成立于2011年,占地面积3.5万平方米。沿海锌集团的子公司。公司拥有各类管理、技术、生产人员100余人。年生产氯化锌20000吨,苯亚磺酸锌和对甲基苯亚磺酸锌3000吨。公司通过了ISO质量、环境、健康体系认证。通过努力和 innovation,达林锌炭不断满足市场和客户对锌化工产品需求。

Xingtai Huaheng Zinc Industry Co., Ltd.



Huaheng Zinc was built in 2006 that specializes in granules and ultra-fine powder Zinc Chloride with annual capacity 15,000 Mts. It has become the designated supplier of many listed companies. Huaheng Zinc provide high quality Zinc Chloride into pharmaceutical and water treatment industries. The target is to be close to the core needs of customers, and provide global customers with safe, environmentally quality products.

邢台市华恒锌业有限公司

公司成立于2006年,专业生产颗粒、超细粉状氯化锌,年生产能力15000万吨,已成为多家上市公司的指定供应商。华恒锌业为制药和水处理行业提供高品质的氯化锌。公司的目标是贴近客户的核心需求,为全球客户提供安全、环保的高品质产品。

CORPORATE CULTURE / 企业文化

Coastal Zinc Group is guided by the values of trusty cooperation and win-win efficiency, which define our relationship with employees, customers and society.

Tenet

People-oriented, honest and pragmatic, innovative & enterprising, return to society.

Spirit

Honest, practical and enterprising.

Style

We have strict system on management, handling affairs with principle, and work efficient.

Concept

Integrity & dedication, rigorous & continuous improvement, scientific management and best service.

Guidelines

Take the market as the orientation, take the customer as the center, the benefit as the goal.

Target

High qualified rate and customer satisfaction.

沿海人。
当顺应时代发展，
牢记企业责任，
坚守诚信为本，
并保持一颗永不言弃的心，
厚积薄发，
期待与志同道合者一路远行。

集团总裁致辞

郝桂淦



沿海锌业集团以诚信合作,效率共赢的价值观为指导,这些价值观定义了我们与员工,客户和社会的关系。

宗旨

以人为本、诚信务实、创新进取、回报社会

精神

诚信、务实、进取

作风

管理讲制度、办事讲原则、工作讲效率

理念

诚信敬业、严谨、持续改进、科学管理、优质服务

方针

以市场为导向、以客户为中心、以效益为目标

目标

出厂合格率、客户满意度

ZINC POWDER / 锌粉

30
65.37

Zn

Zinc

Formula: Zn Molecular Weight: 65.39
CAS No.: 7440-66-6 EC No.: 231-175-3
Packaging: 25kg/Bag or 50kg/Drum UN No.: 1436

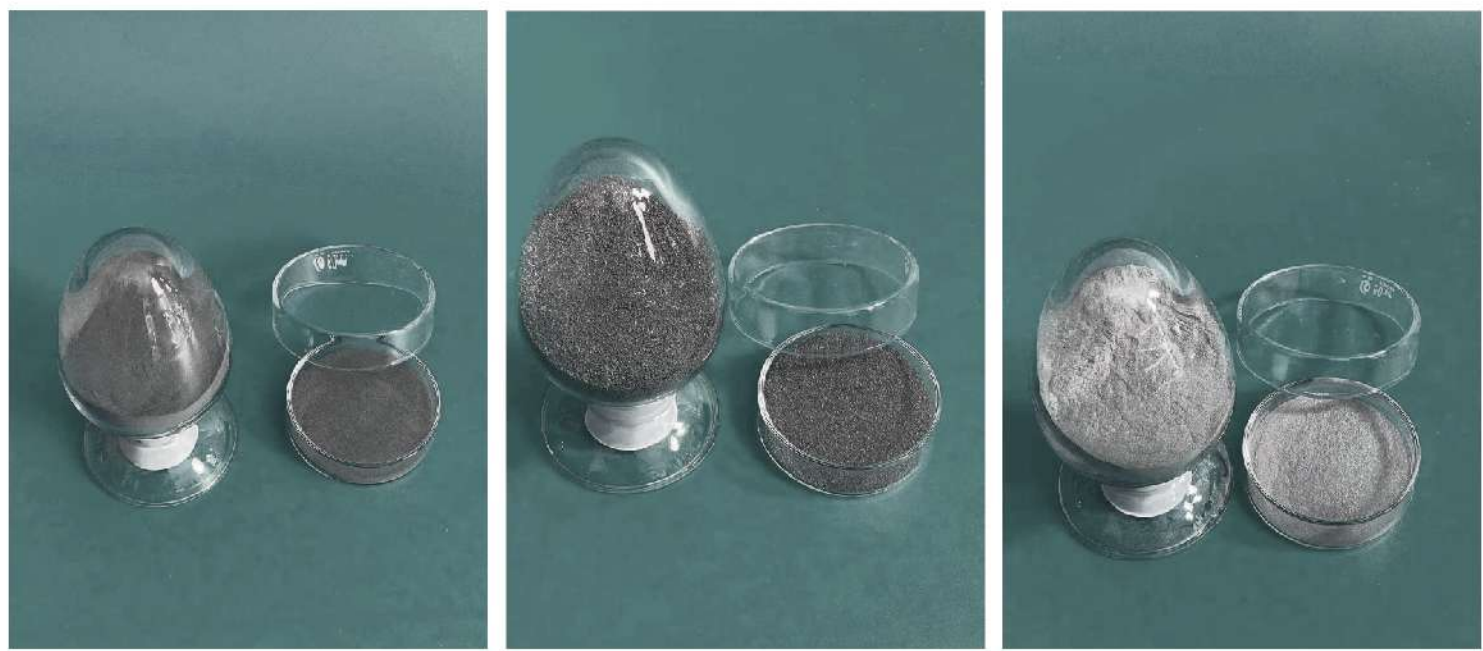
Zinc Powder, dark gray powdered metal zinc, insoluble in water, can dissolve in acid and alkali, slowly soluble in acetic acid and ammonia. It has strong reducibility and hydrogen is released from the reaction with acid and alkali.

Zinc Powder is the main raw material for coating, paint and chemical products such as white block, sodium zincate and zinc oxide. It is widely used in battery, medicine, pesticide, printing & dyeing, metallurgy and other industries.

化学式: Zn 分子量: 65.39
CAS号: 7440-66-6 EC号: 231-175-3
包装: 25kg/袋 or 50kg/桶 UN号: 1436

锌粉, 深灰色粉末。不溶于水, 可溶于酸和碱, 缓慢溶于醋酸, 氨水。具有强烈还原性, 与酸碱作用产生氢气。

锌粉是制造油漆, 涂料及化工品, 如雕白块, 锌酸钠, 氧化锌等的主要原材料。此外还广泛应用于电池, 医药, 农药, 印染, 冶金等行业。



Mesh 目数	Chemical Component % 成分 %					Grain Size 粒径		Screenings% 筛余物
	Total Zinc 全锌	Metal Zinc 金属锌	Lead 铅	Iron 铁	Cadmium 镉	D(v0.5)µm	Max µm	
1000	≥99	≥96	≤0.05	≤0.05	≤0.10	2.0-3.5	12	0.01
800	≥99	≥96	≤0.15	≤0.05	≤0.10	3.2-4.5	17	0.01
500	≥99	≥96	≤0.15	≤0.05	≤0.10	3.5-6.0	25	0.02
325	≥99	≥96	≤0.20	≤0.05	≤0.10	6.0-9.0	45	0.05



ZINC OXIDE / 氧化锌

Zinc Oxide

Formula: ZnO
EC No.: 215-222-5
Packaging: 25kg/Bag

Molecular Weight: 81.38
CAS No.: 1314-13-2

Zinc Oxide, an oxide of zinc, is also called zinc white. White powder or hexagonal crystal. It is odorless, tasteless, sand free, insoluble in water, soluble in acid and strong alkali. It turns yellow when heated, turns white after cooling, and sublimates when heated to 1800°C.

Zinc Oxide is widely used in rubber, ceramics, medicine, printing & dyeing, electronics, magnetic materials and other industries

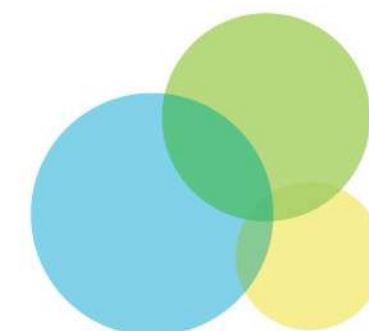
Parameter 参数	Unit 单位	Value 参数值		
Zinc Oxide (based on ZnO) 含量	%≥	99.9	99.7	99.5
Lead Oxide (based on Pb) 氧化铅	%≤	0.005	0.037	0.05
Oxide of Manganese (based on Mn) 氧化锰	≤	0.0001	0.0001	0.0001
Copper Oxide (based on Cu) 氧化铜	%≤	0.0002	0.0002	0.0002
Insoluble Matter in Hydrochloric Acid 盐酸不溶物	%≤	0.006	0.006	0.008
Loss on Ignition (LOI) 烧失量	%≤	0.2	0.2	0.2
Screenings (45um mesh) 筛余物	%	0.1	0.1	0.15
Water-soluble Objects 水溶物	%≤	0.1	0.1	0.1
Volatile Matters at 105°C 105°C挥发物	%≤	0.3	0.3	0.4
Oil Absorption Volume 吸油量	g/100g	14	14	14
Color (compared with standard sample) 颜色 (与标准样比)	n/a	similar	similar	similar
Lightening Power (compared with standard sample) 消色力 (与标准样比)	n/a	100	100	95

Coastal Zinc® Zinc Oxide

氧化锌

分子式: ZnO 分子量: 81.38
CAS号: 1314-13-2 EC号: 215-222-5
包装: 25千克/袋

氧化锌, 又称锌白。是一种白色粉末, 难溶于水, 可溶于酸和强碱。氧化锌作为添加剂在多种材料和产品有应用, 包括橡胶、陶瓷、医药, 印染, 电子, 磁性材料等工业领域。



ZINC CHLORIDE / 氯化锌

Formula: $ZnCl_2$ Molecular Weight: 136.29
 CAS No.: 7646-85-7 EC No.: 201-064-4
 Packaging: 25kg/Bag or 50kg/Drum – anhydrate
 1250kg/IBC Tank or 280kg/Drum – solution

Zinc Chloride has wide applications in medicine, water treatment, agriculture, ion exchange resin, galvanizing, dry cell batteries etc.

氯化锌

分子式: $ZnCl_2$ 分子量: 136.29
 CAS号: 7646-85-7 EC号: 201-064-4
 包装: 25千克/袋或50千克/桶 – 无水
 1250千克/吨桶或280千克/桶 – 液体

氯化锌在医药、水处理、农业、离子交换树脂、镀锌、干电池等领域有着广泛的应用。

Parameter 参数	Unit 单位	Value 参数值					
Appearance 外观	n/a	White Powder 白色粉末			Clear Liquid 透明液体		
Content ($ZnCl_2$) 含量	w/%	≥99	≥98	≥95	≥40	40~50	>50
Acid-Insoluble 酸不溶物	w/%	≤0.02	≤0.02	≤0.02	n/a	n/a	n/a
Basic Salt (ZnO) 碱式盐	w/%	≤1.8	≤1.8	≤1.8	n/a	≤0.65	n/a
Sulfate (SO_4) 硫酸盐	w/%	≤0.01	≤0.01	≤0.01	≤0.005	≤0.005	≤0.01
Fe 铁	w/%	≤0.0005	≤0.0005	≤0.0005	≤0.0003	≤0.0003	≤0.001
Pb 铅	w/%	≤0.0003	≤0.0003	≤0.0003	≤0.0003	≤0.0003	≤0.001
Ba 钡	w/%	≤0.05	≤0.05	≤0.05	n/a	n/a	n/a
Ca 钙	w/%	≤0.2	≤0.2	≤0.2	n/a	n/a	n/a
Water 水份	w/%	≤0.5	≤0.5	≤0.5	n/a	n/a	n/a
pH	n/a	3~4	3~4	3~4	n/a	3~4	n/a
Corrosion Test for Zinc Sheet 锌片腐蚀试验	n/a	pass	pass	pass	n/a	pass	n/a

Coastal Zinc® Zinc Chloride



Please note: Zinc chloride anhydrous is classified a corrosive material (UN 2331) by DOT.

Zinc chloride solution is classified a corrosive material (UN 1840) by DOT.

请注意:根据美国交通运输部规定无水氯化锌为腐蚀性危险品(UN 2331),氯化锌溶液为腐蚀性危险品(UN 1840)。

ZINC BENZENESULFINATE (ZBS) ZINC P-TOLUENESULFINATE (ZTS) / 苯亚磺酸锌 对甲基苯亚磺酸锌

Zinc P-Toluenesulfinate (ZTS)

Formula: $C_{14}H_{14}O_4S_2Zn$ Molecular Weight: 375.79
CAS No.: 24345-02-6 EC No.: 246-181-1
Packaging: 40kg/Drum

As a kind of special fine intermediates, Zinc P-Toluenesulfinate is an important raw material in organic synthesis and plays an irreplaceable role in the synthesis of some dyes, pesticides and pharmaceutical intermediates.

对甲基苯亚磺酸锌

分子式: $C_{14}H_{14}O_4S_2Zn$ 分子量: 375.79
CAS号: 24345-02-6 EC号: 246-181-1
包装: 40kg/纸板桶

对甲基苯亚磺酸锌是一类特殊的精细中间体, 是有机合成中的重要原料, 在某些染料、农药及医药中间体合成上有着不可替代的作用。

Zinc Benzenesulfinate (ZBS)

Formula: $(C_6H_5O_2S)_2Zn$ Molecular Weight: 347.74
CAS No.: 24308-84-7 EC No.: 246-148-1
Packaging: 40kg/Drum

Zinc Benzenesulfinate is white powder, insoluble in water and easy to dissolve in nitric acid. It can also be shortened to ZBS, BM, etc. Widely used in pesticides, plastics, rubber, additives, also used as lubricant filler, flame retardant and AC foaming agent.

苯亚磺酸锌

分子式: $(C_6H_5O_2S)_2Zn$ 分子量: 347.74
CAS号: 24308-84-7 EC号: 246-181-1
包装: 40kg/桶

苯亚磺酸锌是一种白色粉末, 不溶于水, 易溶于硝酸。广泛应用在塑料、橡胶、助剂; 用于润滑剂填充料、阻燃剂和AC发泡剂, 活化剂可明显改善产品性能。



苯亚磺酸锌

Parameter 参数	Unit 单位	Value 参数值
Appearance 外观	-	white powder 白色粉末
Content 含量	W/%	≥98
Melting Point 熔点	°C	215~221
Ash Content 灰份	W/%	8-10
Appearance 外观	W/%	≤20~28
Grain Size 粒径	UM	3-4.5
Iron 铁	ppm	≤5
Heavy Metal 重金属	ppm	≤10

Coastal Zinc® Zinc Benzenesulfinate

对甲基苯亚磺酸锌

Parameter 参数	Unit 单位	Value 参数值
Content 含量	w/%	≥98
Melting Point 熔点	°C	≥250
Ash Content 灰份	w/%	≤20-24
Moisture 水份	w/%	≤0.5

Coastal Zinc® Zinc P-Toluenesulfinate

QUALITY CONTROL / 品控



ISO14001



ISO9001



ISO 45001



RESEARCH & DEVELOPMENT / 研发



SUSTAINABLE DEVELOPMENT / 可持续发展



Coastal Zinc Group considers its duty towards the nature and society, the plants are designed and maintained as per the guidelines set by the pollution control regulations of China. Sustainability is an important consideration in the operation activities. With the support of the group R&D team, we provide technical support & solutions for the treatment and recycling of zinc-containing wastes and other toxic waste. We will go along with green energy, low carbon footprint and reducing emissions & waste. Ensure the Health, Safety and Environmental Programs get better year by year.

Coastal Zinc Group always considers sustainability from a perspective of society, environment, and manufacture. We use rigorous environmental management systems and get ISO 14001:2015, GB/T 24001-2016 certifications at every manufacturing sites. We strive to continuously improve our programs and practices to advance environmental stewardship across our entire organization and supply chain.



沿海锌业集团始终关注社会、环境和生产的可持续发展。我们采用严格的环境管理体系，使每个生产车间都取得 ISO 14001:2015, GB/T 24001-2016 认证。公司通过不断改进和实践来推进集团组织和各供应链的环境优化管理。

集团从对自然和社会的责任出发，按照中国的污染管控条令对工厂进行设计和维护。可持续发展作为一个重要理念贯穿整个经营流程。在集团研发团队的支持协助下，我们为生产过程中的锌废料及其他有毒废料的处理和回收提供技术支持和解决方案。我们倡导使用绿色能源，坚持低碳发展，减少资源的浪费和污染。确保健康，安全和环保三个体系的发展日益进步。

