

企业介绍

宁夏安特利活性炭有限公司是煤质活性炭的专业生产厂家,公司位于宁夏平罗县工业园区,距离优质无烟煤产地只有四十公里,地理环境十分优越。

公司每年能生产各种规格的煤质活性炭 2 万余吨产品种类包括柱状炭、破碎炭、煤质球形炭、浸渍炭、粉炭以及压块破碎炭等六大类上百个品种,可生产现行国际所规定全部七大用途的脱硫炭、溶剂回收炭、触媒载体炭、净化炭、净水炭、防护炭、汽油高效吸附炭等。

丰富的产品生产制造经验和良好的品质控制能力是公司的竞争优势之一。公司拥有管理及技术人员二十多人,研发实力雄厚,同时拥有先进的生产设备和完善的检测手段,已获得 ISO9001:2000 国际质量管理体系认证。

公司拥有自营进出口经营权,70%产品出口到法国、意大利、土耳其、澳大利亚、泰国、印度、阿根廷、巴西、南非、韩国、日本、香港、台湾等几个国家和地区;30%远销到上海、湖南、江苏、山西、天津、广州等地区。

公司一贯奉行“诚信,敬业,务实,奉献”的服务宗旨,信守“质量优先,信誉至上”的原则,追求“卓越的品牌,杰出的品质,满意的服务”的目标,积极迎接挑战,竭诚为广大新老用户服务,缔造国内具有竞争力的活性炭企业。



About Comany

Ningxia Anteli Active Carbon Co., Ltd. is a professional manufacturer of activated carbon. Our company located in the Ningxia Pingluo Industrial Park, only forty kilometers away from high-quality anthracite origin, geographical environment is extremely advantageous.

Our company produce a variety of coal based activated carbon with annually more than 20000 tons. Products include extruded activated carbon, crushed carbon, spherical carbon, impregnated carbon, carbon powder and crushed charcoal briquettes and other six hundreds of varieties categories. We also can produce carbons that current the provisions of the international all seven applications, such as desulfurization carbon, solvent recovery carbon, catalyst carrier carbon, air purification carbon, water purification carbon, protection carbon, and high adsorption efficient gasoline carbon.

Extensive production experience and outstanding quality control capacity is one of our competitive advantages. our company has more than 20 senior managers and technicians. nowadays, we have strong R&D strength, advanced production equipment and perfect testing methods. And we have passed ISO 9001:2000 international quality management system approvals.

Our company has import and export operation rights, 70 percent of products were exported to France, Italy, Turkey, Australia, Thailand, India, Argentina, Brazil, South Africa, South Korea, Japan, Hong Kong, Taiwan and other countries and regions; 30 percent of products were sold to Shanghai, Hunan, Jiangsu, Shanxi, Tianjin, Guangzhou and other cities. Our company has always adhered to the service tenet of "honesty, dedication, pragmatism and dedication", adhered to the principle of "quality first, credit upmost", pursued the goal of "excellent brand, outstanding quality, satisfactory service", actively met the challenges, wholeheartedly served the new and regular users, and created a competitive activated carbon enterprise in China.



ADVANCED ENTERPRISE



QUALITY CREDIT ENTER



BEST-SELLING BRAND I



5A LEVEL ENTERPRISE



ISO



SGS REPORT

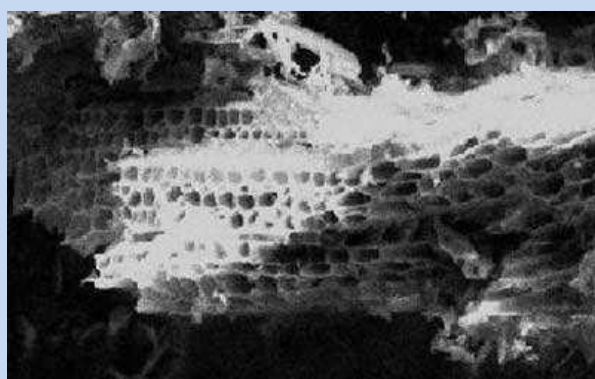
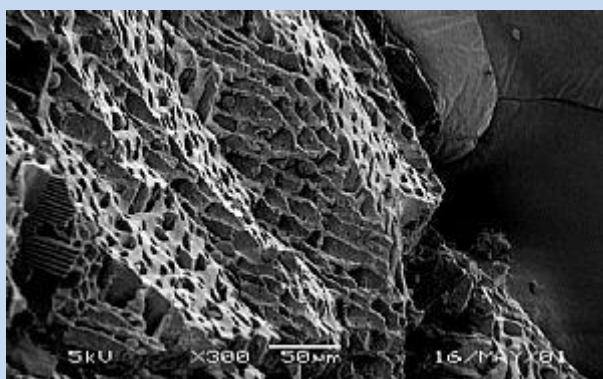
活性炭介绍

活性炭是利用植物类原料（木屑、果壳）或优质煤为原料，经过碳化、活化而制成的一种多孔、比表面积巨大、具有极强吸附能力的颗粒状或粉末状吸附剂。在活化过程中，活性炭可形成新的微孔或将原有封闭的微孔打通，扩大原有微孔尺寸，并在其表面形成酸性或碱性氧化复合体，使之具有良好的吸附能力。活性炭具有物理吸附和化学吸附的双重特性，可以有选择的吸附气相、液相中的各种物质，以达到脱色精制、消毒除臭和去污提纯等目的。

Introduction of activated carbon

Activated carbon is a granular or powdery adsorbent made of plant raw materials (wood chips, shells) or high-quality coal, which is made of carbonized and activated, which is porous, has a large specific surface area and has strong adsorption capacity. During the activation process, the activated carbon can form new micropores or open the original closed micropores, enlarge the original pore size, and form an acidic or alkaline oxidation complex on the surface to make it have good adsorption capacity. Activated carbon has the dual characteristics of physical adsorption and chemical adsorption, and can selectively adsorb various substances in the gas phase and liquid phase to achieve the purposes of decolorization and refining, disinfection and deodorization, and decontamination and purification.

Activated carbon microporous structure

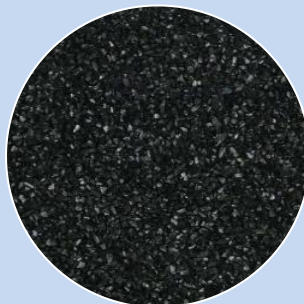


产品

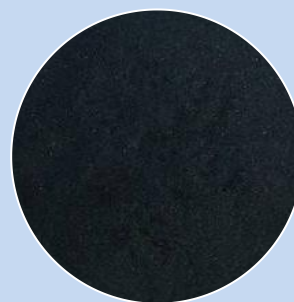
Products



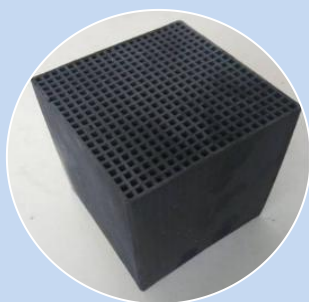
Pellet activated carbon



Granular activated carbon



Powder activated carbon



Honeycomb
activated carbon



Bamboo activated carbon



Coconut shell
activated carbon



Wood based activated carbon



Nut shell activated carbon

煤质柱状活性炭

COAL BASED PELLET ACTIVATED CARBON

该产品是多种精选无烟煤煤种经科学配方、磨粉、无黏结成型、炭化、水蒸气活化，再经机械破碎、筛分加工而成。大、中孔发达，漂浮率低，主要适用于空气处理等应用领域。

This carbon is bituminous coal based. Selected from a variety of bituminous coal, and processed through scientific formula, grinding, extrusion, carbonization steam activation, mechanical crushing and screening, it is the best choice for fields such as air treatment, etc. with its highly developed macropores and mesopores, and low floating rate.

粒度 Size	碘值 Iodine mg/g	四氯化碳 CTC %	比表面积 BET m ² /g	灰分 Ash %	强度 Hardness %	水分 Moisture %	PH 值 PH value
1.5mm	500-1200	20-90	500-1200	5-15	≥95%	≤5%	7-11
2mm	500-1200	20-90	500-1200	5-15	≥95%	≤5%	7-11
3mm	500-1200	20-90	500-1200	5-15	≥95%	≤5%	7-11
4mm	500-1200	20-90	500-1200	5-15	≥95%	≤5%	7-11

Note: All specifications could be adjusted as per client's request

煤质颗粒活性炭

COAL BASED GRANULAR ACTIVATED CARBON

本产品选取优质烟煤，经磨粉、搅拌、成型、炭化和水蒸气活化而成。其强度高，孔隙结构发达。被广泛应用于气相、液相吸附、催化剂载体等领域。低灰活性炭主要用于污水处理、饮用水、高纯液体净化等。

This carbon is based on high quality anthracite coal and processed through grinding, mixing, extrusion, carbonization, and high-temperature steam activation. It is the best choice for fields such as gas and liquid adsorption, catalyst carrier, etc. with its high strength and high-developed pore structure.

Low ash activated carbon is mainly used in waste water treatment, drinking water, high-purity liquid purification, etc.

粒度 Size	碘值 Iodine mg/g	四氯化碳 CTC %	比表面积 BET m ² /g	灰分 Ash %	强度 Hardness %	水分 Moisture %	PH 值 PH value
4*8	500-1050	20-90	500-1050	8-15	85-95	≤5	7-11
8*30	500-1050	20-90	500-1050	8-15	85-95	≤5	7-11
12*40	500-1050	20-90	500-1050	8-15	85-95	≤5	7-11
20*40	500-1050	20-90	500-1050	8-15	85-95	≤5	7-11
20*50	500-1050	20-90	500-1050	8-15	85-95	≤5	7-11

Note: All specifications could be adjusted as per client's request

果壳活性炭

SHELL ACTIVATED CARBON

本产品采用优质椰壳、杏壳及核桃壳为原料，经科学方法精制而成。具有比表面积大、孔隙发达、吸附能力强、机械强度高、过滤速度快等特点。被广泛应用于纯水净化、电站锅炉原水净化、汽车尾气回收、空气净化等领域。

This product is made from high quality coconut shell, almond shell and walnut shell and processed through scientific method. It is widely used in pure water purification, raw water purification in utility boilers, automobile exhaust recovery, air purification, etc. with characters of large surface area, developed pores, great adsorption capacity, high strength, fast filtration, etc.

粒度 Size	碘值 Iodine mg/g	亚甲蓝 Methylenblue ml	堆积重 Bulk density g/l	灰分 Ash %	强度 Hardness %	水分 Moisture %	PH值 PH value
8*30	900-1000	10-14	440-500	3-7	90-95	5-10	4-11
12*40	900-1000	10-14	440-500	3-7	90-95	5-10	4-11
200mesh	900-1000	10-14	440-500	3-7	90-95	5-10	4-11
325mesh	900-1000	10-14	440-500	3-7	90-95	5-10	4-11

Note: All specifications could be adjusted as per client's request

无烟煤滤料 ANTHRACITE FILTER MEDIA

本品以优质无烟煤为原料，直接破碎而成。有效适用于水处理中去除液体中的悬浮颗粒、海藻等容易引起水质下降的物质。

This product is made from directly crushed high quality anthracite coal. It is effectively used in water treatment to remove suspended particles, algae, etc. which cause the deterioration of water quality.

粒度 Size	水分 Moisture %	均匀系数 Uniform Coefficient %	有效径 Effective Size %	挥发分 Volatile Matter %	固定碳 Fixed Carbon %	硫含量 Sulphur content %	孔隙率 Porosity %	盐酸可溶率 HCL Solubility %	真比重 True density g/cm ³
1-2mm	2-5	<1.5	0.7-2.6	6-8	70-90	<0.5	>50	2-5	1.4-1.7
2-3mm	2-5	<1.5	0.7-2.6	6-8	70-90	<0.5	>50	2-5	1.4-1.7
3-5mm	2-5	<1.5	0.7-2.6	6-8	70-90	<0.5	>50	2-5	1.4-1.7

Note: All specifications could be adjusted as per client's request

木质活性炭

WOOD BASED ACTIVATED CARBON

木产品以优质的薪材、木屑、木块等为原料，采用物理法、磷酸法、氯化锌活化法加工生产而成。具有发达的中孔结构和大的比表面积，其吸附容量大、过滤速度快、强度高、灰分低、孔径分布合理，着火点高，被广泛应用于气相吸附、医药行业、食品工业等领域。

This product is made from high quality firewood, wood chips and wood block, and processed with physical, phosphoric acid and zinc chloride method. It is widely used in gas treatment, medical industry, food industry, etc. with characters, fast filtration, high strength, low ash, reasonable pore-size distribution, high ignition, etc.

粒度 Size	亚甲蓝 Methylene blue ml	铁 Iron Content %	氯 Chloride %	烧失减量 Rerosity %	水分 Moisture %	Ph 值 PH value	A 法焦糖脱色率 A method caramel dec %
8*30	10-20	0.02-0.3	0.05-0.2	2.5-7	5-10	3-11	80-120
12*40	10-20	0.02-0.3	0.05-0.2	2.5-7	5-10	3-11	80-120
200	10-20	0.02-0.3	0.05-0.2	2.5-7	5-10	3-11	80-120
325	10-20	0.02-0.3	0.05-0.2	2.5-7	5-10	3-11	80-120

Note: All specifications could be adjusted as per client's request

浸渍活性炭

IMPREGNATED ACTIVATED CARBON

本品以优质活性炭为载体，浸渍而成。具有良好的吸附、催化和防毒作用。煤质柱状活性炭同样适用于含硫化氢、甲硫醇、二氧化硫等废气处理。载银活性炭具有净化、杀菌和去除水中异物的功能。载氢氧化钾、碘化钾、硫、铜的浸渍碳以及非浸渍碳对硫化氢有脱除作用。

This product is made from high quality activated carbon as the carrier impregnated by different impregnants for adsorption, catalysis and gas defense. Coal based pellet activated carbon is also used in treatment of waste gas containing H₂S, methyl mercaptan, SO₂, etc. Silver impregnated activated carbon is used in purification, sterilization and impurities removal in water. KOH KI, sulphur and copper impregnated activated carbon and non-impregnated activated carbon is used in H₂S removal.

粒度 Size	四氯化碳 CTC %	氢氧化钾 碘化钾 KOH KI %	强度 Hardness %	水分 Moisture %	灰分 Ash %	堆积重 Loading Density g/l
2mm	50-60	7-9	90-95	≤15	≤20	560±30
3mm	50-60	7-9	90-95	≤15	≤20	560±30
4mm	50-60	7-9	90-95	≤15	≤20	560±30

Note: All specifications could be adjusted as per client's request

活性炭的应用

ACTIVATED CARBON APPLICATION

治理二噁英的活性炭

DIOXIN(TCDD) TREATMENT

二噁英是微量有机卤素化合物中的一种，是 75 种聚氯二苯并对二羟基喹啉的同系物，135 种聚氯二苯呋喃的同系物以及 209 种共面的聚氯联二苯的同系物之总称。它来自于城市垃圾中有机物燃烧时，与同时含有的氯等卤素化合物结合。这种活性炭选用优质烟煤，用水蒸气活化制成最适合脱除二噁英孔径的活性炭。



Dioxin is one kind of infinitesimal organic halogen compounds. It stems from burned organic matter in city refuse combined with halogen compounds such as chlorine, etc. With high quality bituminous coal as raw material, this kind of activated carbon is activated by vapor to achieve the best effect for dioxin removal.

挥发性有机溶剂回收用活性炭

VOLATILE ORGANIC SOLVENT RECOVERY

本公司所提供活性炭同样广泛应用于合成纤维与合成树脂工业，印刷业，纸加工业，薄膜和薄片生产，金属除油，橡胶工业，化学试剂净化工业，石油化学工业，胶和粘合剂生产企业，制作摄影胶片等行业提供质优价廉的可回收丙酮，甲苯，二甲苯，醇类，酯类活性炭



Our high quality and low price recoverable activated carbon are widely used in synthetic fiber and synthetic resin industry, thin film and silence production, metal degreasing, rubber industry, chemical reagent purification industry, petrochemistry, glue production, photographic film production for refining acetone, benzene, dimethyl benzene, alcohol, esters, etc.

食品工业用活性炭

FOOD INDUSTRY

我公司为广大蔗糖生产工厂提供 PH 值最适用的高糖蜜活性炭。为葡萄糖厂提供除脱色外，对蛋白质、戊羟甲基糖醛、发泡物质和铁减少的糖用碳。

以上产品对发酵法生产柠檬酸，以淀粉为原料发酵生产味精，以及食用油脂的生产加工中除臭、除气味、脱色。对白酒除杂色和不良杂质促使陈化，啤酒处理苦味等都非常有效。



Our company supplies cane sugar factories with activated carbon of suitable PH and high molasses, and glucose factories with activated carbon for protein, hydroxymethyl furfural, foaming materials and iron decrease as well as decolorization.

All the activated carbon above are very effective in citric acid production by fermentation method, aginomoto production with starch as raw material, odor, taste and color removal in edible oil production, color, harmful impurities removal and aging in white spirits production, bitter taste removal in beer production.

医药行业用活性炭

MEDICAL INDUSTRY

医药活性炭一般形态为木质粉碳。具有比表面积大、孔隙结构大、吸附能力强、过滤速度快、脱色力强等特点，适用化学合成药、医药原料、维生素、激素针剂、医药中间体、生物化工植物提取等制品的脱色提纯精制，及针剂注射液的去热除源。



The carbon applied in medical industry is generally wood based powder activated carbon which is featured in large surface area, great pore structure and adsorption capacity, fast filtration, strong decolorization, etc. and applicable in synthetic drug, medicine raw material, vitamin, hormone injections, medical intermediate, decolorization and purification of products such as biological chemistry and phytoextraction, and removal of “heat source” in injection.

上水处理用活性炭 INLET-WATER TREATMENT

生活用水、工业用水、纯水都是水厂向用户提供的经常规处理，通过氯消毒或臭氧氧化法消毒，但是这两种消毒工艺：前者会因参与氯与水中有机物形成三氯甲烷，而后者臭氧不足时产生对人体有害的诱变剂和致癌物。目前水的深度处理还有一种较成熟的工艺，那就是臭氧与活性炭滤池联合使用的工艺，本公司为水厂提供不同消毒法深度处理水用活性炭，供用户做有效选择。



Water plants usually provide users with domestic water, industrial water and pure water which are treated by conventional process—chlorine or ozone oxidation disinfection. There are great disadvantages in the 2 kinds of disinfection processes: in the former, trichloromethane may be formed by residual chlorine and organic matters in water and in the latter, harmful mutagens and carcinogens may be formed when ozone is insufficient. Currently, there is a mature technology of combined processes of ozone and activate carbon filters applied in water advanced treatment. We supply activated carbon for kinds of disinfection method advanced water treatment for users' best choices.

废水处理用活性炭

WASTEWATER TREATMENT

本公司针对含汞废水、含钒废水、含磷、含氟，含氰，含烃、含多氯联苯、含卤烃、含有机氯杀虫剂、含醛、酮、有机酸及酚、硝基类废水，提供广泛产品供用户选择。活性炭对生活污水和工业废水回收利用成效显著，可简单、有效、经济地去除原水中的重金属离子、有机和无机污染物，降低原水中的 COD 及异味等问题。



Our company supplies customers with a wide range of activated carbon for treatment of waste water containing mercury, vanadium, phosphorus, fluorine, cyanide, hydrocarbon, polychlorinated biphenyls (PCBS), halocarbon, organochlorine, aldehyde, ketone, organic acid, phenol, nitro, etc. This activate carbon is effective in domestic sewage and industrial waste water recycle with simple, effective and economical removal of the heavy metal ion, organic and inorganic contaminants and decrease of COD, odor, etc. in raw water.

净水器用活性炭

WATER PURIFIERS

传统观念认为，微孔发达的无烟煤柱状活性炭适用气相吸附，中大孔发达的烟煤活性炭适用液相吸附，对净水器而言，水源已是纯度较高。水需要的是高深度净化和口感舒适的提高，为此我公司可提供相应产品。



In traditional views, micropore developed anthracite coal-based pellet activated carbon is applicable for gas phase adsorption, while macropore and mesopore developed bituminous coal-based activated carbon for liquid phase adsorption. For water in water purifiers which should be developed in purity and pleasant in taste, we supply activated carbon for users' best choices.

脱臭用活性炭

FOUL ODORS TREATMENT

给人们带来不愉快气味知觉就是恶臭，恶臭气味的特点，多数场合是低浓度，且恶臭大多不是单一成分形成恶臭。本公司选择耐磨强度高，孔隙配置合理的活性炭。本公司还为氨，三甲胺，硫化氢，甲苯硫醇，甲硫醚，二甲硫醚等吸附保持能力小的场所提供浸渍碱酸及卤素系金属盐的活性炭，从而使效果呈数倍至几十倍提高。



Foul odors are unpleasant. Foul odors are mostly of low concentration with more than one ingredients. Our company supplies activated carbon with high abrasion resistance and reasonable pore structures. Our company also supplies alkalis/acid-impregnated and halogen metal salt-impregnated activated carbon for places where it is hard to adsorb ammonia, trimethylamine, hydrogen sulphide, formaldehyde mercaptan, dimethyl sulfide, etc. Thus the adsorbing effect can be enhanced several times to dozens of times.

工业气体的精制分离用活性炭

INDUSTRIAL GAS REFINEMENT AND SEPARATION

活性炭适用于从空气中分离氮气，发酵气中分离甲烷。合成氨池放气分离回收氢、氩及其它稀有气体；天然气分离提取氦气；焦炉气及水煤气分离获得氢或氦。烟道气中分离二氧化碳，甲西醇分解气体分离氢气。

在分离精制过程中，因活性炭对氢氦难以吸附，在精制时是活性炭把原料气中的其它气体吸附去除。而未被吸附的氢氦提高纯度后作为产品取出。



Activated carbon is applicable to separate nitrogen from air, methane from fermented gas, hydrogen, argon and other rare gases from synthesis ammonia, helium from natural gas, hydrogen or hydrogen and nitrogen from coke-oven gas and water gas, carbon dioxide from flue gas, hydrogen from methanol decomposition gas.

In the processes of separation and refinement, since it is hard to adsorb hydrogen and helium, activated carbon is usually used to adsorb other gases in feed gas while the non-absorbed hydrogen and helium whose purity degree are thus enhanced are taken out as products.

有害气体净化用活性炭

NOXIOUS GAS PURIFICATION

活性炭具有超细微孔发达，气体吸附种类多，多数情况下对混合气体也有效且不受空气中水蒸气和二氧化碳的影响，吸附速度快等优良的特点。适宜诸如含硫化合物，含氮化合物，含氯化物，碳氧化合物，碳氢化合物，卤素化合物。特别是对有机气体浓度低排风总量大的情况，用我公司活性炭净化效率可达 95%以上。



With excellent characters of developed super tiny micropores, adsorption for kinds of gases, in most cases applicability for mixed gas without being affected by vapor and carbon dioxide, quick adsorption speed, etc. activated carbon is suitable to adsorb sulfur compounds, nitrogen compounds, chlorine compounds, oxycarbide, hydrocarbon compounds, halogen compounds. For low concentration organic gas and great exhaust air, the purification efficiency of our activated carbon can be above 95%.

活性炭性能检测
TESTING FOR ACTIVATED CARBON PROPERTIES



平台研磨式强度测定仪

Table grinding hardness tester



亚甲基蓝吸附值测定

Apparatus for detemination of methylene blue



碘值测定

Test apparatus for iodine number



四氯化碳吸附测定仪

Test apparatus for CCl₄ adsorption

设备

EQUIPMENTS



包装

PACKAGING



25 公斤或 500 公斤塑编拉筋包装袋（或加内衬塑料袋），堆放在熏蒸木质托盘上。（包装可按客户要求制定）

Our products are usually packed in 25kg or 500kg plastic woven bags(or with inner plastic bags),stacked on fumigated wooden pallets. (Packaging can be formulated according to the customers' requirements)