

SHANXI HUAXU ENVIRONMENTAL PROTECTION MATERIALS CO.,LTD.

Our Contact

Address: Shop No. 9, Row 19, Minsheng Street Chemical Plant, Minsheng Street, Yungang District, Datong City, Shanxi Province, China

WhatsAPP: +86 184 3528 7886

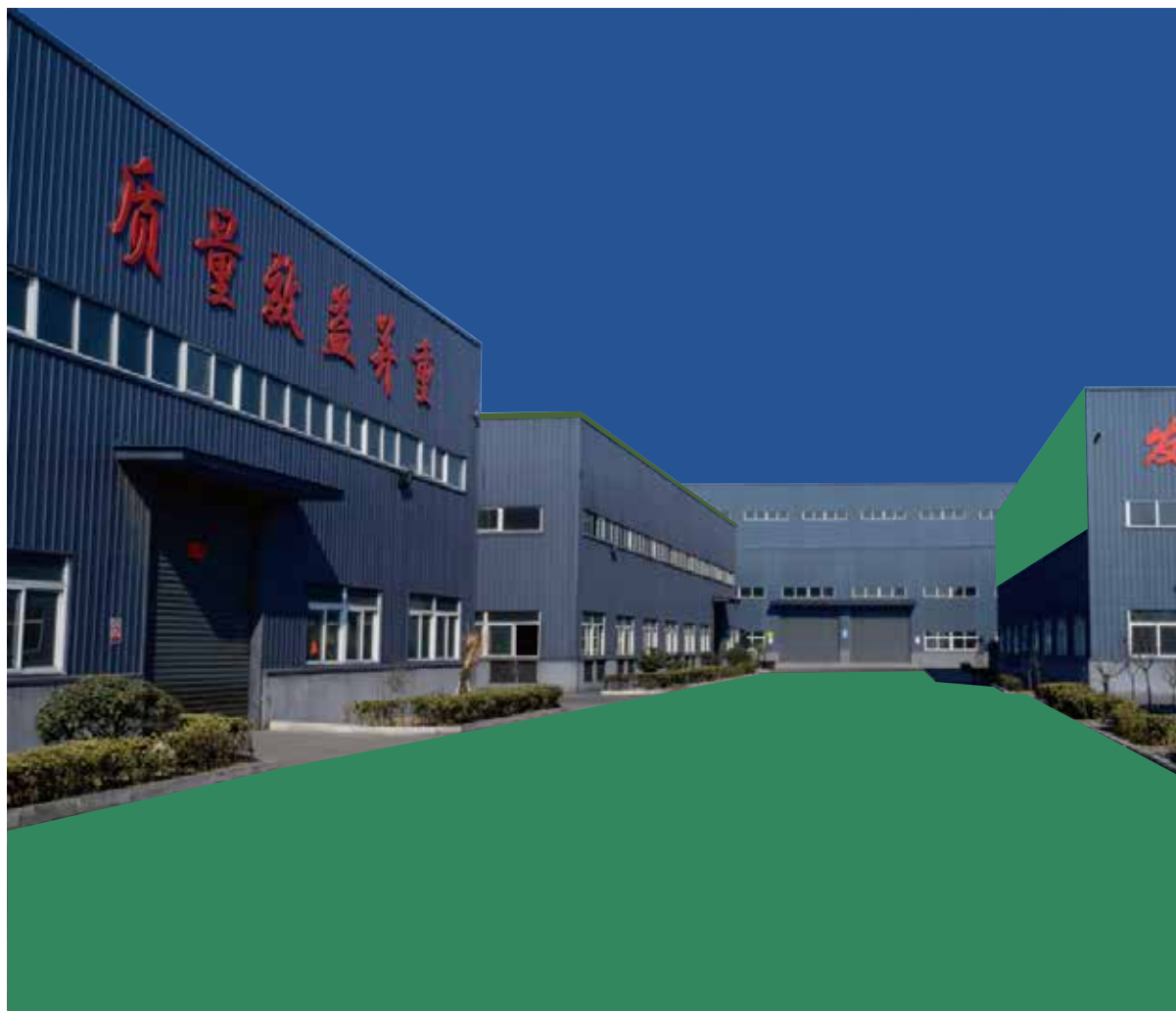
E-mail: hxa@sxhuacu.com

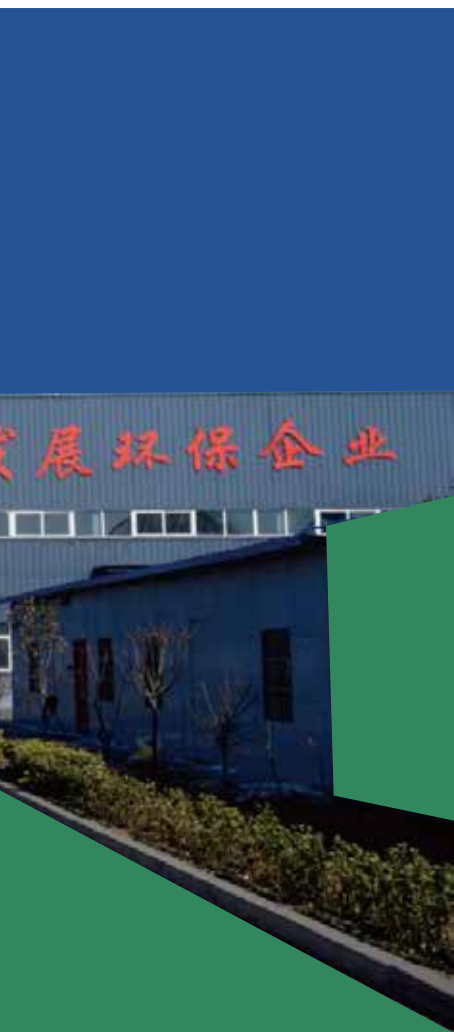
Website: huaxucarbon.com



SHANXI HUAXU ENVIRONMENTAL
PROTECTION MATERIALS CO.,LTD

Activated Carbon Company





Company profile

企业简介

Founded in 2003, Shanxi Huaxu Environmental Protection Materials Co., Ltd. is a technology-based enterprise that integrates the production, research and development, sales, and technical services of activated carbon. Our factory is located in the west of Qimo River, Zuoyun County, Datong, Shanxi, China. It covers an area of about 70 acres, with 58 employees and an annual output of about 20,000 tons. There are 4 sets of domestic advanced “Sleip” activation furnaces, 4 sets of 3R Raymond mills and other processing equipment such as screening and crushing.

山西华旭环保材料有限公司创立于2003年，是一家集活性炭生产、研发、销售、技术服务为一体的科技型企业。我们的工厂位于山西省大同市左云县七磨河西，占地约70亩，现有员工58人，年产量约2万吨，建有国内先进的“斯列普”活化炉4台，3R雷蒙磨4台及筛分破碎等处理设备。



Company profile

Relying on the unique Jurassic high-quality coal resources in Datong, Shanxi, the company produces and processes activated carbon products with various particle sizes ranging from 500 to 1100 iodine values, including agglomerated activated carbon, coal-based granular activated carbon, coal-based columnar carbon, coal-based powdered carbon, etc. We provide high-quality products and solutions for deep purification of drinking water, sewage treatment, and exhaust gas treatment.

依托山西大同得天独厚的侏罗纪优质煤炭资源，公司生产加工500-1100碘值各种粒度的压块活性炭、煤质颗粒活性炭、煤质柱状炭、煤质粉炭等活性炭产品，为饮用水深度净化、污水处理、废气治理提供优质产品和解决方案。



Production introduction

Coal based granular activated carbon(GAC) for solvent recovery

溶剂回收用煤质颗粒活性炭



【Product Profile】

【产品简介】

- 1. Appearance: dark black carbonaceous material in the form of granules
 - 2. Application: Coal based granular activated carbon for solvent recovery is mainly used to recover organic solvents such as benzene, toluene, xylene, acetone, alcohol, ester, ether, gasoline, trichloromethane, carbon tetra-chloride and so on.
 - 3. Technical parameters: Its technical parameters should be in accordance with the following table.
- 1.外观：暗黑色炭素物质，呈颗粒状。
- 2.应用：溶剂回收用煤质颗粒活性炭主要用于回收苯、甲苯、二甲苯、丙酮、醇、酯、醚、汽油、三氯甲烷、四氯化碳等有机溶剂。
- 3.技术指标：其技术指标应符合下表规定。

【Technical Parameter】

【技术指标】

		Parameter		
		Superior quality	Best quality	Conforming product
Moisture(%)		≤5.0		
Hardness(%)		≥90		
Loading density(g/L)		≥350		
PH value		8~10		
Ignition point°C		≥350		
Acetic acid adsorption value(%)		≥70	≥60	≥50
Size(mm)/Granularity(%)	Φ4.0mm±0.2, 4*6 Mesh	≥90		
	Φ3.0mm±0.2, 4*8 Mesh	≥90		
	Φ6.0mm±0.2, 2*4 Mesh	≥90		

Activated carbon for water purification

净水用活性炭

【Product Profile】

【产品简介】

- 1. Appearance: dark black carbonaceous material, in the form of granules or powders
 - 2. Impurities: Activated carbon should not contain toxic and harmful substances that affect human health.
 - 3. Technical parameters: Its technical parameters should be in accordance with the following table.
- 1.外观：暗黑色炭素物质，呈颗粒状或粉末状
- 2.杂质：活性炭中不应含有影响人体健康的有毒、有害物质。
- 3.技术指标：净水用煤质活性炭技术指标应符合下表的要求。



【Technical Parameter】

【技术指标】

			Parameter		
			Coal Based Granular Activated Carbon	Coal based powdered activated carbon	
Floating rate(%)			Columnar granular activated carbon	≤2	—
			Irregular granular activated carbon	≤10	—
Moisture(%)			≤5.0		≤10
Hardness(%)			≥90		—
Loading density(g/L)			≥380		≥200
PH value			6~10		6~10
Iodine adsorption value(mg/g)			≥800		≥800
Methyl blue value(mg/g)			≥120		≥120
Phenol adsorption value(mg/g)			≥140		≥140
Water-soluble material(%)			≤0.4		≤0.4
Size(mm)/ Granularity(%)	Φ1.5mm±0.2	8*14 Mesh	≥90		—
	Φ3.0mm±0.2	4*8 Mesh	≥90		—
	Φ4.0mm±0.2	4*6 Mesh	≥90		—
		8*30 Mesh	≥90		—
		12*40 Mesh	≥90		—
		30*60 Mesh	≥90		—
		≤200 Mesh	—		≥90

Sewage treatment activated carbon

污水处理活性炭

【Product Profile】

【产品简介】

This product is made of high quality coal as raw material and refined by advanced technology equipment. Its appearance is black powder or indeterminate granular, non-toxic and tasteless, reasonable pore structure, high institutional strength, fast filtration speed and other characteristics. It is widely used in the deep purification treatment of domestic sewage and industrial sewage, effectively removing organic substances and colored molecules in water.

本产品采用优质煤为原料，采用先进的工艺设备精制而成。其外观为黑色粉末状或不定型颗粒状，无毒无味，孔隙结构合理，机构强度高，过滤速度快等特点。广泛应用于生活污水、工业污水的深度净化处理，有效地去除水中的有机物质及有色分子等。



【Technical Parameter】

【技术指标】

	JLW-15 Φ1.5	JLW-15 Φ4.0	JLWK 4*8 8*16 (Mesh)	JLWF 120-325(Mesh)
Hardness(%)≥	90	90	90	90
Loading density(g/l)	600-800	550-750	50-650	600-700
Moisture(%)≤	5	5	5	5
PH Value	6-10	6-11	6-11	6-10

Remarks: 1. The loss drying is in the range of 5-10%, minimum 5%, maximum 50%.

2.The quality index and particle size can be adjusted according to the customer.

3.Counterpart activated carbon can be produced according to user requirements.

Coal granular activated carbon for air purification

空气净化用煤质颗粒活性炭

【Product Profile】

【产品简介】

- 1.Appearance: dark black carbonaceous material in the form of granules
- 2.Application: Coal granular activated carbon for air purification is mainly used for removing pollutants in the air as well as separation, purification and purification of gases.
- 3.Technical parameters: Its technical parameters should be in accordance with the following table.
- 1.外观：暗黑色炭素物质，呈颗粒状。
- 2.应用：空气净化用煤质颗粒活性炭主要用于脱除空气中的污染物以及气体的分离、提纯和净化。
- 3.技术指标：其技术指标应符合下表的规定。



【Technical Parameter】

【技术指标】

		Parameter
Moisture(%)		≤5.0
Hardness(%)		≥90
Loading density(g/L)		420~600
PH Value		8~10
Carbon tetrachloride adsorption rate/%		≥50
Size(mm)/ Granularity(%)	Φ4.0mm±0.2, 4*6 Mesh	≥90
	Φ4.0mm±0.2, 4*8 Mesh	≥90
	Φ4.0mm±0.2, 2*4 Mesh	≥90

Coconut shell, fruit shell type activated carbon

椰壳、果壳类活性炭

【Product Profile】

【产品简介】

Adopting imported coconut shell carbonized material refined by highly efficient activation, with strong adsorption performance, physical and chemical indicators super. Coconut shell activated carbon has the appearance of indeterminate broken blocks, non-toxic and odorless, large specific surface area, strong adsorption capacity, fast adsorption speed, low impurity content. Widely used in high-purity gas, liquid phase absorption, desulfurization, complete removal of home, office, hotels, public places, formaldehyde and other toxic and harmful gases in the car, odor removal and detoxification of river sewage water quality deodorization and purification, depth improvement.

采用进口椰壳炭化料经高效活化精制而成，具有极强吸附性能，理化指标超强，椰壳活性炭外观为不定型破碎炭、无毒无味，比表面积大、吸附能力强、吸附速度快、杂质含量低，广泛用于高纯度气体、液相吸附、脱硫、彻底清除家居，办公室，宾馆，公共场所，汽车内甲醛等有毒有害气体。祛味除毒江河污水水质的除臭净化、深度改良。



【Technical Parameter】

【技术指标】

	JL-1 8*16 Mesh	JL-2 30*60 Mesh	JL-3 20*40 Mesh
Hardness(%)≥	97	97	90
Loading density(g/L)	370-450	400-500	380-450
Moisture(%)≤	5	5	5
Ash content(%)≤	5	5	5
Iodine adsorption Value(mg/g)≥	1000	1000	1000
The amount Gold-loaded(mg/g)≥	25	20	15
Suction gold rate(%)≥	65	60	60
Carbon tetrachloride adsorption(%)≥	80	70	70
Acetic acid adsorption value(mg/g)≥	500	500	500

Remarks: 1. Quality and mesh can be adjusted according to customer's product process.

2. Product can be manufactured according to user's requirements.

Fine desulfurization series activated carbon

精脱硫系列活性炭

【Product Profile】

【产品简介】

This product is a high-efficiency and high-precision gas fine desulfurization agent with high quality columnar activated carbon as the carrier, loaded with special catalyst, dried, screened and packaged. It is mainly applied to fine desulfurization in the production process of ammonia, methanol, methane, food, carbon dioxide, polypropylene, etc. It can also be used in the fine dechlorination and desulfurization of gas such as coal gas, natural gas, hydrogen, ammonia, etc. It can make the sulfur content of gas desulfurized to 0.05mg/kg. It can make the sulfur content in the gas desulfurized to 0.05mg/Nm³.

本产品以优质柱状活性炭为载体，载入特种催化剂，经干燥、筛选包装而成的高效高精度气相常温精脱硫剂，主要适用于合成氨、甲醇、甲烷、食品、二氧化碳、聚丙烯等生产工艺中精脱硫，也可用于煤气、天然气、氢气、氨气等气体精制脱氯、脱硫。可使气体中的硫含量脱到0.05mg/Nm³



【Technical Parameter】

【技术指标】

	JL-101 Φ3.0-4.0	JL-102 Φ3.0-4.0	JL-103 Φ3.0-4.0	JL-104 Φ3.0-4.0
Hardness(%)≥	90	90	90	90
Loading density(g/L)	550-650	550-650	550-650	550-650
Moisture(%)≤	10	10	10	10
Specific surface area(m ² /g)≥	500	850	900	900
Pore volume (cm ³ /g)≥	0.6	0.7	0.7	0.75
Breakthrough sulfur capacity COS W% 25-35°C	8-10	12-18	13-19	12-16
Sulfur capacity W% 60°C	2.0	2.5	2.5	2.5
Pressure N/cm ² ≥	40	60	60	60
Remarks: 1.Quality and mesh can be adjusted according to customer's product process. 2.Product can be manufactured according to user's requirements.				

Decolorized activated carbon

脱色活性炭

【Product Profile】

【产品简介】

- 1. Appearance: dark black carbon material, powdery
 - 2.Application: Mainly used in adsorption, decolorization, deodorization, refining and heat absorption of monosodium glutamate, citric acid, food additives, pharmaceuticals, antimicrobials and other intermediates of pharmaceutical products.
 - 3.Technical Parameters: The technical indexes of coal activated carbon for water purification should be in accordance with the following table.
- 1.外观：暗黑色炭素物质，粉末状
- 2.应用：主要用于味精、柠檬酸、食品添加剂、制药、抗菌素及其它医药产品中间体等吸附、脱色、除味、精制及吸收热源等。
- 3.技术指标：净水用煤质活性炭技术指标应符合下表的规定。



【Technical Parameter】

【技术指标】

	Parameter		
	Superior quality	Best quality	Conforming product
Decolorization rate of caramel by method A(%) \geq	100	90	80
Decolorization rate of caramel by method B(%) \geq	90	80	70
Methyl blue value(mg/g)	190	170	150
Moisture(%) \leq	10	10	10
PH Value	3.0-5.0	3.0-5.0	3.0-5.0
Ash content(%) \leq	3.0	4.0	5.0
Acidifier(%) \leq	1.00	1.50	2.00

- 1. The decolorization rate of caramel in method A and decolorization rate of caramel in method B are taken as one of the decolorization rate indicators.
- 2. Moisture is accounted for at 10%.
- 3. The ash content of activated carbon produced by phosphoric acid method can be 7%-9% (regardless of grade).

Protective granular activated carbon

防护用颗粒活性炭

【Product Profile】

【产品简介】

- 1.Appearance: dark black carbonaceous material in the form of granules
 - 2.Application: Used for filling all types of canisters and making all types of impregnated charcoal.
 - 3.Technical parameters: The technical indexes of coal granular activated carbon for protection shall conform to the following table.
- 1.外观：暗黑色炭素物质，呈颗粒状。
- 2.应用：用于装填各类滤毒罐以及制作各类浸渍炭。
- 3.技术指标：防护用煤质颗粒活性炭技术指标应符合下表的规定。



【Technical Parameter】

【技术指标】

	Parameter(A)
Moisture(%)	≤5.0
Hardness(%)	≥90
Loading density(g/L)	420~550
Benzene vapor protection time(No.3) min	≥45
Ammonia protection time(No.4) min	≥25
Sulfur dioxide protection time(No.7) min	≥30
Size(Φ1.5mm±0.2)/Granularity 8*14 Mesh	≥90

【Product Profile】
【产品简介】



This product is made of high quality fruit shells and refined by physical activation method. It is black granular, non-toxic and odorless, with developed pores and strong adsorption capacity. It is widely used in the separation and extraction of precious metals in the gold heap leaching method, carbon slurry method, gold extraction and metallurgical industry.

本产品采用优质果壳为原料，采用物理活化法精制而成，为黑色颗粒状，无毒无味，孔隙发达，具有较强吸附能力，广泛应用于金矿堆浸法、炭浆法、黄金提取和冶金工业中贵金属的分离和提取。

【Technical Parameter】
【技术指标】

	JL-1 8*16 Mesh	JL-2 8*16 Mesh	JL-3 20*40 Mesh
Hardness(%)≥	97	97	90
Loading density(g/L)	370-450	400-500	380-450
Ash content(%)≤	5	5	5
Moisture(%)≤	10	10	10
Iodine value(mg/g)≥	1000	1000	1000
The amount gold-loaded(mg/g)≥	25	20	15
Suction gold rate(%)≥	65	60	60
Carbon tetrachloride adsorption(%)≥	80	70	70
Acetic acid adsorption value(mg/g)≥	500	500	500

Remarks: 1.The quality index and particle size can be adjusted according to customer.
2.Product can be manufactured according to user’s requirements.

Silver-carrying activated carbon

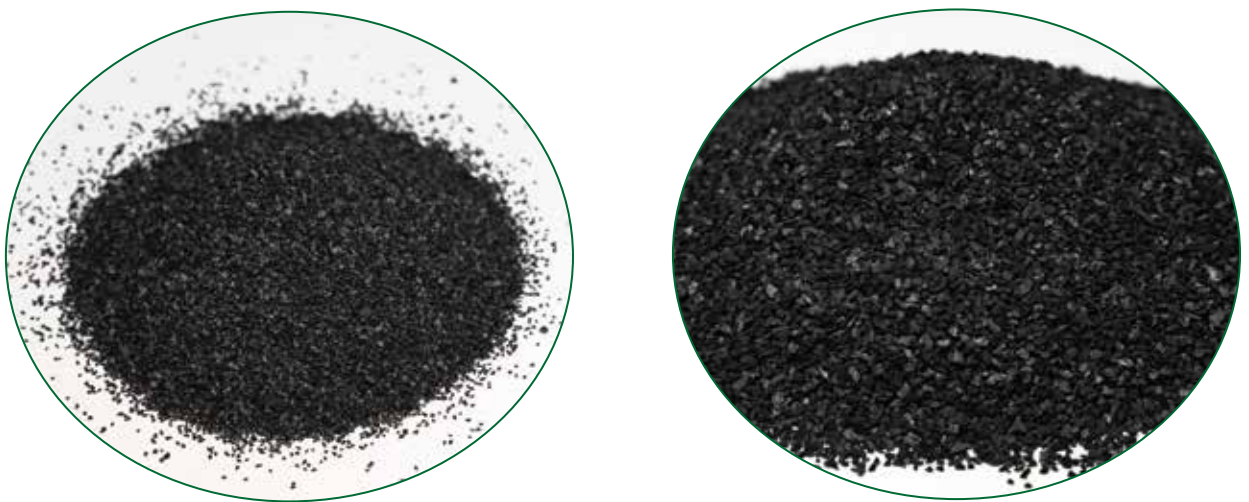
载银活性炭

【Product Profile】

【产品简介】

This product is made of high quality fruit shells and refined by special silver-carrying process. Widely used in water purifiers, mineral spring pots, drinking fountains and other purification and sterilization equipment, its effect of water purification is higher than ordinary water purification carbon. The silver-loaded activated carbon plays the role of anti-bacteria and sterilization according to the micro-movement effect of silver ions.

本产品选用优质果壳，采用特殊载银工艺精致而成。广泛用于净水器、矿泉壶、饮水机
等净化灭菌设备中，其净化水的效果高于普通净水炭。载银后的活性炭依照银离子的微
动效应起到抑菌杀菌的作用。



【Technical Parameter】

【技术指标】

	JL-1 10*24 Mesh	JL-2 20*40 Mesh
Iodine adsorption value(mg/g)≥	900	900
Hardness(%)≥	90	90
Silver content(%)≥	3	3
Methylene blue adsorption edge(ml/g)	8	8
Loading density(g/L)	420	420
Dry weight loss(%)≤	10	10
Ash content(%)≤	5.0	5.0
PH value	4.5-7.5	4.5-7.5
Remarks: 1.The quality index and particle size can be adjusted according to customer. 2.Product can be manufactured according to user’s requirements.		

Variable pressure adsorption activated carbon

变压吸附活性炭

【Product Profile】

【产品简介】

Pressure swing adsorption (PSA) technology has been rapidly developed in China in the past twenty years. It is widely used in the separation, recovery, purification, concentration and purification of industrial gases, and in the petrochemical, fertilizer, metallurgy, coal, food industry, hydrogen production, conversion decarbonization, CO₂, concentration and CO, CO, CH₄, pressure adsorption of CO project, and achieved very significant economic and social benefits. The activated carbon for pressure swing adsorption (PSA) produced by our company has a saturation adsorption capacity of 75 MLG and 45 MLG for CO₂, under the conditions of 0°C and 25 °C respectively, as measured by Sichuan Tianyi and Nanjing Institute of Chemical Technology. And the volume adsorption capacity exceeds that of imported adsorbents of the same kind in China, which is used in large quantities for the projects of hydrogen production, decarbonization, and concentration of CO, CH₄, etc. The activated carbon is also used for the projects of hydrogen production, conversion decarbonization, and concentration of CO.

变压吸附(PSA)技术近二十几年在我国得到迅速发展, 广泛应用于工业气体的分离、回收、提纯提浓和净化 除杂, 在石油化工、化肥、冶金、煤炭、食品行业的制氢、变换脱碳、CO₂ 提浓和制取 CO₂、CO、CH₄的变压 吸附的工程中, 取得十分显著的经济和社会效益。我公司生产的变压吸附(PSA)专用活性炭, 经四川天一和南京化工学院测定, 在0°C和25°C条件下, CO₂饱和吸附量分别达到75ML/G 和45ML/G, 其容积吸附量超过国内进口同类吸附剂, 其大批量用于制氢、脱碳、CO₂提浓项目中。



【Technical Parameter】

【技术指标】

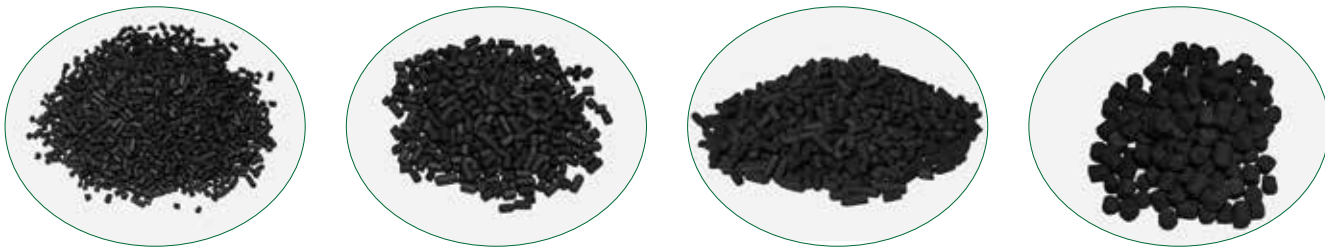
	JL-01A	JL-01B	JL-01C	JL-01D
Size(mm)	Φ1.5-4.0	Φ1.5-4.0	Φ4.0	Φ1.5-4.0
CO ₂ saturation adsorption capacity Iatm.25°C(ml/g)≥	40	44	50	37
N ₂ saturation adsorption capacity Iatm.25°C(ml/g)	~5	~5.5	~8	~3
CTC adsorbents(%)≥	58	60	70	48
Specific gravity of a heap(g/l)	~600	~600	~560	~580
Moisture (%)≤	3	3	3	6
Mechanical strength(%)≥	97	97	95	95
Ash content(%)≤	10	10	12	12

Large granular activated carbon for desulphurisation and denitrification

脱硫脱硝用大颗粒活性炭

【Product Profile】

【产品简介】



- 1.Appearance: Black, grey cylindrical or other regular particles.
 - 2.Application: Mainly used in desulfurization and denitrification treatment of waste gas from power plants and smelting plants, and waste gas treatment of burned oil, natural gas, coal, waste, etc.
 - 3.Technical parameters: The technical indexes of large granular activated carbon for desulphurisation and denitrification shall conform to the following table.
- 1.外观：黑色、灰色的圆柱状或其它规则状颗粒
- 2.应用：主要用于电厂和冶炼厂的废气脱硫脱硝处理，以及石油、天然气、煤炭和废物燃烧后的废气处理。
- 3.技术指标：脱硫脱硝用煤质颗粒活性炭技术指标应符合下表的规定。

【Technical Parameter】

【技术指标】

		Parameter(A)		
		Superior quality	Best quality	Conforming product
Moisture(%)		≤5.0		
Packing density(g/L)		570~700		
Combustion point(°C)		≥420		
Abrasion strength(%)		≥95		
Compressive strength(daN)		≥40	≥37	≥30
Desulphurisation values(mg/g)		≥20.0	≥18.0	≥15.0
Denitrification rate(%)		on-the-spot survey		
Size(mm)/Granularity(%)	Φ9.0mm±0.2	≥90		
	Φ6.0mm±0.2, 2*4 Mesh	≥90		

Activated Carbon Mercury Remover

活性炭脱汞剂

【Product Profile】

【产品简介】

Sulfur-carrying activated carbon mercury removers are sufficiently developed and high quality activated carbon as a carrier. Using the very high specific surface area of activated carbon, sulphur particles are deposited in the well-developed pores of activated carbon, especially the mesopores. In the process of mercury removal, when the gas flow through the bed, it is conducive to the diffusion of mercury vapour into the pores of the activated carbon, so that the mercury vapour is more easily and effectively contacted with sulphur. Thus the mercury vapour can contact with sulphur more easily and effectively. As a result, mercury sulphide is generated by rapid reaction and deposited in the pores of the activated carbon, so as to achieve the purpose of mercury removal and a better depth of mercury removal. This product is suitable for removing mercury vapour from gas streams in many applications where mercury removal by conventional methods is difficult. In natural gas purification, mercury ore smelting, metal ore smelting and some chemical plants, the mercury removal capacity is more than 10% (wt), and the mercury removal efficiency is more than 99.8%. This mercury remover has high strength, good water resistance, does not powder when it meets water, and is resistant to acid and alkali. The chemical reaction is: $\text{Hg} + \text{S} = \text{HgS}$



载流活性炭脱汞剂是以较为发达的优质活性炭为载体、利用活性炭极高的比表面积，硫的微粒沉积在活性炭发达的孔隙特别是中孔中、在除汞过程中、当气流流经床层时、有利于汞蒸气扩散进入活性炭的孔隙中，使汞蒸气更容易、更有效接触硫、从而迅速反应生成硫化汞，沉积于活性炭孔隙中，以达到除汞目的和较好的脱汞深度。本产品适用于常规方法除汞困难的多种场合除去气体流中的汞蒸气。在天然气净化、汞矿冶炼、金属矿冶炼和某些化工厂中、脱汞能力大于10%(wt)，除汞效率均在99.8%以上。本脱汞剂强度高、耐水性好，遇水不粉化、耐酸、碱等。化学反应为： $\text{Hg} + \text{S} = \text{HgS}$

【Technical Parameter】

【技术指标】

	JL-50 Φ5.0
Sulphur content(wt%)≥	12
Effective porosity(cm ³ /g)	0.6
PH value	8-9
Packing density(g/L)	500-600
Abrasion strength(%)≥	92
Moisture(%)≤	4.0
Carbon tetrachloride adsorption rate(%)≥	65
Adsorption capacity(Hg/kg)≥	0.1

Honeycomb activated carbon

蜂窝活性炭

【Product Profile】

【产品简介】

Our company develops, produces and manufactures many varieties of honeycomb activated carbon, with the advantages of good adsorption performance, well-developed pore structure, large specific surface area and small fluid resistance. It is an environmentally friendly product to control industrial waste gas, eradicate toxic and harmful gases, and purify the air. The product is especially suitable for large air volume, low concentration of organic waste gas [toxic and harmful] purification and treatment of factories, such as formaldehyde, benzene, toluene, xylene and other toxic and harmful waste gas treatment of factories (this project can be selected for the treatment of gas-phase type peaks and nests of activated carbon). It is also suitable for indoor air purification, catering fume exhaust treatment, air conditioning, refrigerators, copiers, etc. to remove odours, and can be used as water purification and catalyst carrier (liquid-phase honeycomb activated carbon can be used for the treatment of this project).

我公司研制开发，生产制造的蜂窝活性炭品种多，吸附性能好、孔隙结构发达、比表面积大，流体阻力小等优点，是治理工业废气，根除有毒有害气体，净化空气的环保产品。该产品特别适用于大风量，低浓度工厂有机废气【有毒有害】净化治理，如工厂的甲醛、苯、甲苯、二甲苯等有毒有害废气治理(此项目治理可选用气相型蜂窝状活性炭);而且适用室内空气净化，餐饮油烟废气处理，还有空调、冰箱、复印机等除异味，并可做为水净化及催化剂载体(此项目治理可选用液相型蜂窝状活性炭)。



【Technical Parameter】

【技术指标】

	JLFW-1	JLFW-2
Norm(mm)	100*100*100	50*50*100
Wall thickness(mm)	0.5	0.5
Number of holes	100/150/200	100/150/200
Bulk density(kg/m ³)	380-450	380-450
Benzene adsorption(%)	35	35
Desorption temperature(°C)	120	120
Air tower wind speed(m/s)	0.8	0.8
Positive compressive strength(Pa)	0.8/1.2	0.8/1.2
Remarks: 1.Other specifications (such as the number of holes, thickness, appearance size, etc.) can be customized according to customer's request. 2.For gas treatment and water treatment, the gas phase type and the liquid-phase type can be chosen respectively.		

Waste incineration activated carbon

垃圾焚烧活性炭

【Product Profile】

【产品简介】

This product is made of high quality coal as raw material, produced by high temperature water vapour activation process, and refined by crushing and screening, and then processed by scientific formula of black powder or indeterminate granular activated carbon. It has large specific surface area, developed pore structure, excellent adsorption performance, high abrasion strength, resistance to washing, easy to regenerate and other characteristics.

本产品选用优质煤为原料，采用高温水蒸汽活化工艺生产，经破碎及筛选后处理科学配方精制而成的黑色粉末或不定型颗粒活性炭。具有较大的比表面积，发达的孔隙结构，优良的吸附性能、耐磨强度高，耐冲洗，易再生等特性。

【Product Usage】

【产品用途】

It is used for the purification of domestic waste incineration flue gas to deal with polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran.

用于生活垃圾焚烧烟气净化处理多氯代二苯-对-二噁英和多氯代二苯并呋喃。



【Technical Parameter】

【技术指标】

	JLF1	JLF2	JLF3	JLF4	JLF5	JLF6
Moisture(%)≤	10	10	10	10	10	10
Mesh number	250	250	250	250	250	250
PH value	7-10	7-10	7-10	7-10	7-10	7-10
Ash content(%)≤	10	10	10	10	10	10
At the end of charcoal(No obvious reaction)	Eligible (voter etc)	Eligible (voter etc)	Eligible (voter etc)	Eligible (voter etc)	Eligible (voter etc)	Eligible (voter etc)

Remarks: 1. The quality index and particle size can be adjusted according to customer.
2.Product can be manufactured according to user's requirements.

Spherical Activated Carbon Media

球形活性炭滤料

【Product Profile】

【产品简介】

Adopting imported coconut shell carbonisation refined by high efficiency activation, it has extremely strong adsorption performance and superb physical and chemical indexes. Coconut shell activated carbon has the appearance of indeterminate broken carbon, non-toxic and odourless, large specific surface area, strong adsorption capacity, fast adsorption speed, low impurity content. Widely used in high-purity gas, liquid phase adsorption, desulfurisation, complete removal of formaldehyde and other toxic and harmful gases from homes, offices, hotels, public places, automobiles, odour removal and detoxification of river sewage water deodorisation and purification, deep improvement.



采用进口椰壳炭化经高办活化精制而成，具有极强吸附性能，理化指标超强，椰壳活性炭外观为不定型破碎炭，无毒无味，比表面积大、吸附能力强、吸附速度快、杂质含量低，广泛应用于高纯度气体、液相吸附。就硫。彻底清除家居，办公室，宾馆，公共场所，汽车内甲醛等有毒有害气体，祛味除毒江河污水水质的除臭净化。

【Technical Parameter】

【技术指标】

	J11 Φ3.0	J11 Φ6.0	J11 Φ10.0
Moisture(%)≤	5	5	5
Hardness(%)≥	95	95	95
Loading density(g/L)	700	700	700
Pore volume(cm ³ /g)≥	0.3	0.3	0.3
Remarks: 1. The quality index and particle size can be adjusted according to customer. 2. Product can be manufactured according to user's requirements.			

Uses of activated carbon 活性炭的应用

Water purification: It can remove impurities, contaminants, and unpleasant odors from water.

水净化：它可以去除水中的杂质、污染物和难闻的气味。



Decolorization: Removes colors from liquids in processes like sugar refining and chemical production.

脱色：在制糖和化学生产等过程中去除液体的颜色。



Adsorption of toxic substances: Can adsorb toxins and pollutants, making it useful in environmental clean-up efforts.

有毒物质的吸附：能够吸附毒素和污染物，在环境清理工作中发挥作用。



Air filtration: Helps in eliminating harmful gases, volatile organic compounds (VOCs), and odors from the air.

空气过滤：有助于消除空气中的有害气体、挥发性有机化合物 (VOCs) 和异味。



Industrial processes: Used in various industries for the purification and separation of substances.

工业流程：用于各行业物质的净化和分离。

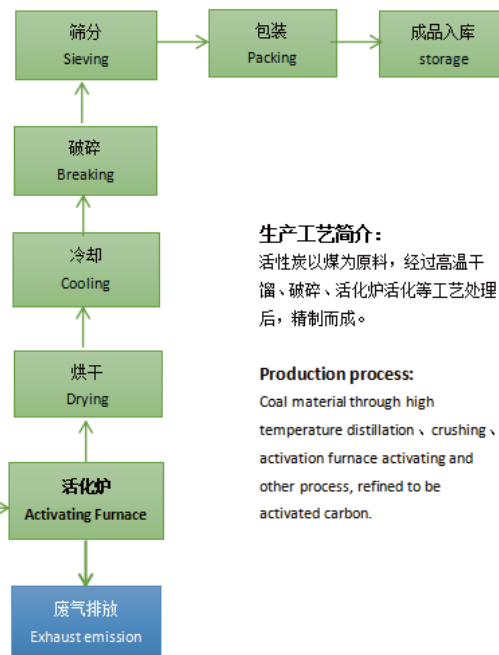
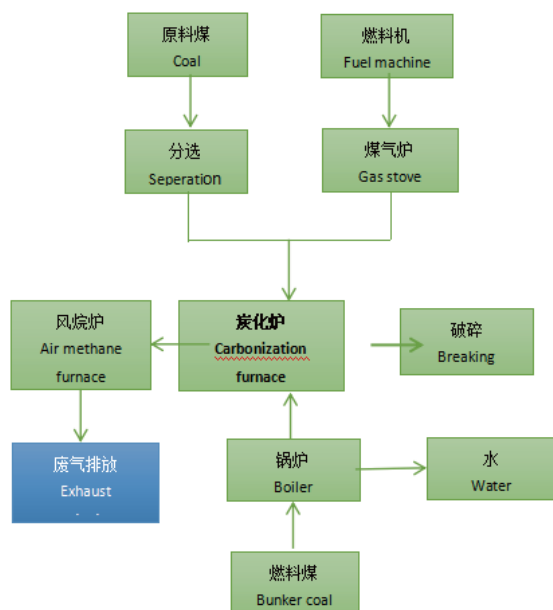


Gold extraction: It plays a role in adsorption and separation during the gold extraction process.

黄金提取：在黄金提炼过程中起到吸附和分离的作用。



The flow chart of processing 活性炭处理流程图



生产工艺简介:

活性炭以煤为原料，经过高温干馏、破碎、活化炉活化等工艺处理后，精制而成。

Production process:

Coal material through high temperature distillation、crushing、activation furnace activating and other process, refined to be activated carbon.

Equipments 设备



Packing 包装



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

25公斤或500公斤塑编拉筋包装袋（或加内衬塑料袋），堆放在熏蒸木制托盘上。
（包装可以根据客户的要求制定）

