

杏壳活性炭源头工厂 专注活性炭行业20余年  
Apricot Shell Activated Carbon Source Factory,  
Focus on Activated Carbon For More than 20 years

CHENGDE YAOU NUTS&SEEDS CO.,LTD  
承德亚欧果仁有限公司  
CHENGDE YAOU ACTIVATED CARBON CO.,LTD  
承德亚欧活性炭有限公司

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YAOU

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# PRODUCT MANUAL

服务 · 发展 · 合作 · 共赢

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[www.yaouxr.com](http://www.yaouxr.com) [www.yaounut.com](http://www.yaounut.com)



耕耘与收获是一个永恒的话题，亚欧把每一天都当成一个新的起点，坦对物竞天择，不断超越过去，自成立以来，亚欧高瞻远瞩，激情无限，一路风雨兼程，且行且歌。

Ploughing and harvesting is an eternal topic, Yaou regard every day as a new starting point. Since its establishment, Yaou has been looking forward with boundless passion and great vision. All the way wind and rain, and line and song.



董事长 王庆强

## 公司简介

### Company profile



承德亚欧活性炭有限公司隶属于承德亚欧果仁有限公司，目前拥有8座炭化活化一体炉，两台转炉，活性炭年产量可达3万吨，炭化料年产约1-2万吨，炭厂烧制活性炭的原料，来源于杏核破碎所产生的杏核皮，烧制过程中所产生的余热可用于亚欧公司的杏仁脱苦、药材烘干、坚果炒货及公司冬季取暖，从而节约的煤炭资源，做到真正的循环经济产业链，同时做到国家要求的节能减排、绿色环保的要求。

Chengde yaou activated carbon Co.,ltd belongs to Chengde Yaou Nuts&Seeds Co.,Ltd, Currently have 8 carbonization and activation integrated furnaces ,Two sets of rotary furnaces, with an annual output of 30,000 tons of activated carbon.The raw material --Apricot shell for producing activated carbon comes from apricot kernel peels produced by crushing apricot kernels. And the waste heat generated in the firing process can be used for apricot kernel bitter removal,medicine drying,nuts stir-frying and winter heating.Thus saving coal resources ,to-achieve a real circular economy industry chain,while achieving the national requirements of energy conservation and emission reduction,green environmental protection.

## 产品介绍 Product introduction

### YO-001果壳(杏核和桃壳)净水炭(Nut shell activated carbon for water purification)

本产品具有发达的空隙结构，对净化饮用水有极好的效能，能除去水中异臭、异味、氯、酚、汞、铅、砷、氰化物等有害物质，是装填家庭、社会团体、宾馆及高级净化水生产设备的理想材料。

This products selects high quality nutshell (Apricot & walnut shell )as raw materials,it's irregular granular type activated carbon . Produced by physical method of high temperature steam carbonization and activation . Have characteristics of high hardness, specific surface area, and excellent absorption abilities and liable to reproduced . Main used for producing clear water , pure water and high purity water. Can effectively removal the abnormal odor , strange smell ,chlorine,phenol, mercury ,lead ,cyanide and other hazardous substances from water .and can decrease chroma effectively. it's the ideal material for water treatment , high purity water equipment and other water project .



指标(Index)	型号(Model number)	No.01	No.02
粒度(Size)10-24目(%)		≥95	≥95
碘吸附值( Iodine value )(mg/g)		≥900	≥1000
亚甲基蓝(MB)(mg/g)		≥120	≥135
强度(Hardness)(%)		≥95	≥95
水分(Moisture)(%)		≤10	≤10
灰分(Ash)(%)		≤5	≤5
装填密度>Loading density)(g/L)		380-500	380-500

### YO-002果壳(杏核和桃壳)黄金炭(Nut shell Gold extraction Activated Carbon)

本产品采用杏壳、桃壳为原料，采用物理法精制而成，具有耐磨强度高，吸附性能强等特点，主要用于堆浸法提取黄金及其它贵金属的提取。低品位矿石，高得率回收黄金，是金矿比较理想的活性炭。

Our activated carbons are manufactured from selected high quality apricot &walnut shell in order to achieve outstanding hardness and attrition resistance. Has the characteristics of large specific surface area,high adsorption capacity, liable to reproduced and long service life . Be produced by physical method of high temperature steam carbonization and activation process . Mainly used for "heap leaching process(also named carbon in leach )(CIL) of gold extraction and tail liquid recycle . Can recovery gold at a high rate from low-grade ores, making it an ideal activated carbon for gold mines.



指标(Index)	型号(Model number)	No.01	No.02
粒度(Size)5-10目6-12目(%)		≥95	≥95
碘吸附值( Iodine value )(mg/g)		≥900	≥1000
强度(Hardness)(%)		≥95	≥95
水分(Moisture)(%)		≤10	≤10
灰分(Ash)(%)		≤5	≤5
装填密度>Loading density)(g/L)		380-500	380-500

产品介绍 Product introduction

YO-003椰壳净水炭(Coconut Shell Water Purification Activated Carbon)

本产品具有耐磨强度好，吸附性能高，使用时间久等特点，对纯净水高纯度水净化有极好的效能，是饮料工业、啤酒及高级净化水设备的理想材料。

Our activated carbons are manufactured from selected highest quality imported coconut shells in order to achieve outstanding hardness and attrition resistance. it has the advantages of developed pores , large specific surface area ,strong adsorption capacity , fast adsorption speed and high adsorption capacity, liable to reproduced and long service life . Excellent efficiency for producing clear water , pure water and high purity water. Can effectively remove from water the abnormal odor , strange smell ,chlorine,phenol, mercury ,lead ,cyanide and etc hazardous substance . and decrease chroma effectively .It is the ideal material for beer , beverage and high purity water equipment and project .



型号(Model number)	No.01	No.02
指标(Index)		
粒度Particle Size 8-20 Mesh 12-40Mesh	≥95	≥95
碘吸附值Iodine value	≥1000	≥900
硬度Hardness	≥98	≥98
水分Moisture	≤10	≤10
灰分Ash	≤5	≤5
填充率Filling Ratio	0.40-0.55	0.40-0.55
PH	8-11	8-11

YO-004椰壳黄金炭(Coconut Shell Gold Recovery Activated Carbon)

该产品选用优质进口椰壳为原材料，采用高温水蒸气炭化、活化精制而成。主要用于提取黄金，椰壳活性炭，由于其极高的强度、出色的吸附性能和良好的可再生性，非常适合提金行业。主要应用于炭浆法和堆浸法的黄金提取。

This item selects high quality imported coconut shell as raw material . Using physical method of high temperature steam carbonization and activation process production. Mainly used to extract the gold cyanide complex. coconut shell based activated carbons are excellently suited to this application because of their extreme hardness , excellent adsorption characteristics and good renewability , suit for "carbon-in-pulp process"(CIP) and "heap leaching process"(CIL) of gold recovery industry .



型号(Model number)	No.01	No.02	No.03	No.04
指标(Index)				
粒度Particle Size5-10Mesh 6-12Mesh	≥96	≥96	≥96	≥96
碘吸附值Iodine value	≥900	≥1000	≥1050	≥1100
强度Intensity	≥99	≥99	≥98	≥98
灰分Ash	≤5	≤5	≤5	≤5
水分Moisture	≤10	≤10	≤10	≤10
填充率Filling Ratio	0.45-0.55	0.45-0.55	0.45-0.55	0.45-0.55

产品介绍 Product introduction

YO-005杏壳炭化料活化料( Apricot shell Activated Carbon)

主要使用杏壳桃壳等果壳作为原料，适用于多种净化领域，可以直接作为滤料使用，也可以经过进一步活化处理，作为高碘值活性炭的原材料。

It mainly uses apricot shells and other fruit shells as raw materials, which are suitable for a variety of purification fields. It can be used directly as filter material, or it can be do the further production and used as raw materials for high iodine value activated carbon.



技术指标(Technical index)	指标(Index)
粒度(natural)4-8目(%)	≥95
碘吸附值( Iodine value)(mg/g)	300-1100
强度(Hardness)(%)	≥95
水分(Moisture)(%)	10-15
装填密度(Loading density)(g/L)	380-550
PH	8-11

YO-006粉末活性炭( Powdered Activated Carbon )

本产品主要用于柠檬酸、氨基酸、啤酒、汽水、清凉饮料、葡萄酒和抗菌素等的脱色提纯。

The appearance is black powder, non-toxicand tasteless . it have the advantages of developed pores , large specific surface area ,strong adsorption capacity , fast filtration speed and high decoloration purity .The specifications canbe adjusted referring to customer's demandMainly used for tape water,MSG,citric acid,amino acid,beer,soft drink,cooking oil,food additives, bleaching and purifications for chemical products,waste water treatment and garbage incinerationpower generation.



技术指标(Technical index)	No.01	No.02
粒度Particle Size200Mesh, 325Mesh	≥95	≥95
碘吸附值Iodine value	≥1000	≥900
亚甲基蓝Methylene Blue	≥12	≥8
水分Moisture	≤5	≤5
灰分Ash	≤12	≤12
PH	3-11	3-11

➤ 产品介绍 Product introduction

YO-007空气净化炭(Activated Carbon for air purification)

本产品用于气相吸附领域，回收醇、醋、烃和芳香族等有机溶剂，也可用于空气过滤、净化去除有害气体。

This product is used in the field of gas phase adsorption to recover organic solvents such as alcohol,vinegar,hydrocarbon and aromatic,and can also be used for air filtration,purification and removal of harmful gases.



技术指标(Technical index)	指标(Index)
粒度(Size)4-8目(%)	≥95
碘吸附值(Iodine value)(mg/g)	≥950
强度(Hardness)(%)	≥95
水分(Moisture)(%)	≤10
装填密度>Loading density)(g/L)	380-550
PH	8-11

YO-008煤质破碎活性炭( Coal Broken Activated Carbon )

本产品选用优质无烟煤为原料，采用物理法精制而成。产品具有吸附性能强、机械强度高颗粒范围广等特点，广泛应用于各类气体的回收及净化、催化剂、触媒载体、溶剂回收及工业水质的净化处理。

This products using high quality anthracite coal as raw material . Using physical method of high temperature steam carbonization and activation process production . It has the following highlights features of "high adsorption capacity"."high mechanical strength","wide particle range".Widely used for all kinds of gas recycle and purification,-catalyst and carrier of catalyst , solvent recycle and industrial water purifications.



技术指标(Technical index)	指标(Index)
粒度(Size)8-30目(%)	≥95
碘吸附值(Iodine value)(mg/g)	600-1100
强度(Hardness)(%)	≥93
水分(Moisture)(%)	≤5
装填密度>Loading density)(g/L)	400-550
PH	8-11
灰分(Ash)(%)	≤12

➤ 产品介绍 Product introduction

YO-009柱状活性炭( Coal Columnar/Pellet Activated Carbon)

本产品选用优质椰壳、低灰无烟煤为原料，采用物理法经高温水蒸汽炭化、活化精制而成。产品具有颗粒度均匀、吸附性能强、机械强度高特点，广泛应用于各类气相、液相的吸附，催化剂、触媒载体、溶剂回收、中水、废水及工业废气的净化处理工艺中。

This item using high quality low ash anthracite coal as raw material . It has the features of "particle size uniformity" "high mechanical strength". Mainly used for all kinds of gas phase , liquid phase adsorption , catalyst , carrier of catalyst , reclaimed water and waste water purification treatment process .



技术指标(Technical index)	指标(Index)
Particle Sizeφ1.5mm,φ3.0mm,φ4.0mm	≥95
Iodine Value	600-1100
CTC	30-90
Hardness	≥90
Moisture	≤5
Ash	≤10
Filling Ratio	400-510±20
PH	8-11

YO-010纳电池负极材料专用炭(Nano battery cathode materialspecial carbon)

本产品采用高密度果壳为原料，经物理法精制而成，主要用于石油化工工业脱色提纯，能除去石油中的有害物质，也可以装填各种防毒面具滤毒器材，在合成工业上可以用来做催化剂或载体等。

This product uses high-quality nutshell and coconut shell as raw material,refined by physical method,mainly used in petrochemical industry decolorization and purification,-can remove harmful substances in petroleum,Also can also be filled with a variety of gas mask filter equipment,in the synthetic industry can be used as a catalyst or carrier.



技术指标(Technical index)	指标(Index)
粒度(Size)8-20目(%)	≥90
碘吸附值(Iodine value)(mg/g)	≥500
强度(Hardness)(%)	≥95
水分(Moisture)(%)	≤10
装填密度>Loading density)(g/L)	450-550
PH	7-9

## ► 前景优势 Prospect advantage

亚欧活性炭具有比表面积大、孔隙结构发达、机械强度高、漂浮率低、使用寿命长、易于再生等特点，是一种高性能多用途的吸附剂。

亚欧炭具有优良的化学稳定性和机械强度，耐酸、碱、耐热。产品广泛应用于纯净水、高纯水、电站原水、酒类、味精、饮料、食品、医药、糖类的净化、黄金提取、溶剂回收、石油化工脱色提纯、废水处理及空气净化等民用与军工领域。

在当前日益激烈的市场竞争中，我公司将一如既往精益求精，不断加深企业科学管理的力度，提高产品的科技含量，坚定不移地执行“开拓创新、诚信服务、质量第一、用户至上”的经营理念，竭诚为用户服务，期待着与您共创佳绩。

Yaou activated carbon is a kind of high performance and multi-purpose adsorbents with the characteristics of large specific surface area, developed pore structure, high mechanical strength, low floating rate, long service life and easy regeneration .

Yaou activated carbon has excellent chemical stability and high mechanical strength, acid ,alkali and heat resistance . They are widely used in, high purity water, power plant raw water, alcohol,MSG(Monosodium Glutamate) , beverages,- food, medicine, sugar purification, gold extraction, solvent recovery petrochemical decolorization purification, waste water treatment and air purification and other civil and military fields.

In the current increasingly competitive market, Our company will, as always, strive for excellence continue to deepen the scientific management of enterprises, improve the scientific and technological content of products . Unswervingly implement the "pioneering and innovative ,honest service ,quality first ,customer first" business philosophy, dedicated to customer service, and look forward to working with you to create success.

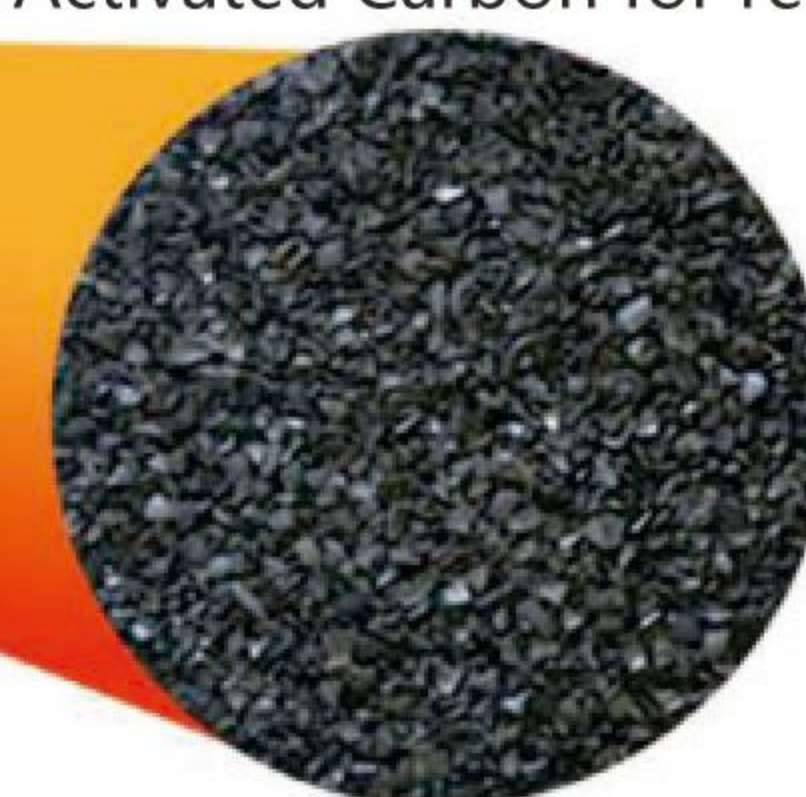
### 节能减排绿色环保

Energy saving emission reduction green environmental protection

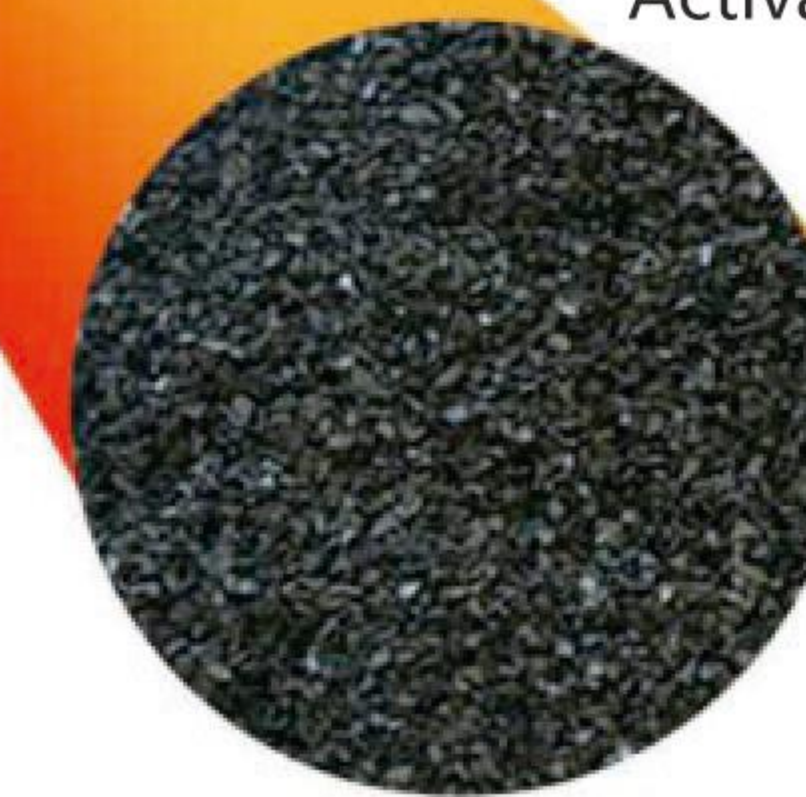
优良的化学稳定性和机械强度



● 黄金炭  
Activated Carbon for recovery gold



● 净水活性炭  
Activated Carbon for water purification



● 空气净化炭  
Activated Carbon for gas purification



● 粉状炭  
Powdered Activated Carbon

### 生产工艺科学规范

Scientific specification of production technology

精益求精，信誉保证



原材料生产基地  
Raw material production base  
品质、源头有保证



### 节能减排绿色环保

Energy saving emission reduction green environmental protection

优良的化学稳定性和机械强度

杏核加工破碎分离出杏仁和杏核皮，一部分苦杏仁直接销售，一部分用来脱苦，利用杏核皮做原材料制成活性炭，活性炭产生的余热用来浸泡、烘干脱苦杏仁；用来烘干果系列，用来烘干药材，办公楼及整个车间冬季取暖。这种产业不仅节约了煤炭资源，降低了成本，更重要的是符合国家节能减排政策，达到了绿色环保的要求。

Apricot kernel is processed and crushed to separate apricot kernels and apricot shells, parts of bitter apricot kernel are sold directly, another parts are used to make de-bittered apricot kernels .apricot kernel shell are used as raw materials to make activated carbon.the waste heat generated by activated carbon is used to soak,dry and remove bitter apricot kernels , used the whole workshop winter heating .This kinds of industry not only saves coal resources , reduces costs , but also more importantly , meets the national energy conservation and emission reduction policy ,and meets the requirements of green environmental protection .

