



## Removal Of Heavy Metals From Wastewater By Activated Carbon With High Adsorption Capacity

### Our Product Introduction

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#### Basic Information

- Place of Origin: Datong, Shanxi, China
- Brand Name: Xinyue
- Minimum Order Quantity: 1 Ton
- Packaging Details: 500kg/bag , 25kg/bag
- Payment Terms: T/T
- Supply Ability: 100,000 Ton/Tons per Year



#### Product Specification

- CAS No: 64365-11-3
- Type: Adsorbent
- Iodine Number: 800-1200mg/g
- Ash: <12
- Moisture: <5%
- EINECS No: 264-846-4
- Package: 500kg/bag Or 25kg/bag
- Hardness: >95%
- Highlight: Heavy Metals Removal Activated Carbon,  
High Adsorption Capacity Activated Carbon



## Product Description

Removal of heavy metals from wastewater by activated carbon with high adsorption capacity

Activated carbon, known for its porous structure and large surface area, has a remarkable ability to adsorb heavy metals.

When wastewater containing heavy metals comes into contact with activated carbon, the heavy metal ions are attracted and bound to the surface of the activated carbon through various mechanisms such as physical adsorption, chemical adsorption, and ion exchange. Physical adsorption occurs due to van der Waals forces, while chemical adsorption involves the formation of chemical bonds between the heavy metal ions and the functional groups on the activated carbon surface. Ion exchange takes place when the heavy metal ions replace other ions already adsorbed on the activated carbon.



**Hong Kong Xinyue Activated Carbon Limited**



[act.carbon@xinyue.hk](mailto:act.carbon@xinyue.hk)



[activatedcarbon-charcoal.com](http://activatedcarbon-charcoal.com)

rooms 1318-19 13/F hollywood plaza 610 nathan road mong kok hong kong.