



# EPOCHEMMIE CO., LTD

[www.epochemmie.com](http://www.epochemmie.com)

E-mail: [sales@epochemmie.com](mailto:sales@epochemmie.com) [epochemmie@163.com](mailto:epochemmie@163.com)

## DATA SHEET

**Commodity:** ACTIVATED CARBON

**Type:** EP-PM-H

**EP-PM-H:** Super higher adsorption ability with Super lower impurities Phosphoric activation  
Wood based powder Activated carbon

### **Distinguishing feature:**

- (1) Super higher adsorbility : excellent Methylene adsorption, much higher Molasses adsorption and same time very higher Iodine value
- (2) Super lower Heavy metal content and Almost no Zinc content, more safer for any food purification ,fruit juice production etc.
- (3) Substitution of Zinc chloride activation wood based activated carbon

### **Applications:**

Largely used in decolorization ,drinking water treatment , many food areas, sugar, juice, grape wine, pharmaceutical production, monosodium glutamate purification and so on.

### **Specification:**

ITEM/TYPE	EP-PM-H
Methylene Blue Adsorption mg/g min	240
Molasses adsorption % min	115
Iodine Value mg/g min	1000
Moisture % max	10
PH	2-4
Iron % max	0.05
Chloride % max	0.02
Ash content % max	7
Particel size 325mesh % min passed	90%

### **Typical inspection results:**

ITEM/TYPE	EP-PM-H
Acid solubilities % max	2%
Water solubilities % max	1%
Heavy metal (as Pb) ppm max	10
As content ppm max	1
Sulphate % max	0.1%
Zinc content ppm	2-4

**Packing**: 25kg bags or 500kg jumbo bags, or as per client's requirements

**Inspection standard**: the above specification is based on Chinese Government standard GB  
And customer can also inspect as per American ASTM standard.

**Safety**

Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen maybe encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Appropriate protective equipment should be worn. Avoid inhalation of excessive carbon dust. No problems are known to be associated in handling this material. However, dust may contain greater than 1.0% silica (quartz). Long-term inhalation of high dust concentrations can lead to respiratory impairment. Use forced ventilation or a dust mask when necessary for protection against airborne dust exposure.