



# EPOCHEMMIE CO., LTD

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## DATA SHEET

**Commodity:** ACTIVATED CARBON

**Type:** EP-PM-G

**EP-PM-G:** Wood based powder, activation by phosphoric acid, very suitable for decolorization and purification of sugar, food, corn syrups, juice, grape wine, monosodium glutamate fine chemicals etc

### **Distinguishing feature:**

- (1) Higher Methylene adsorption, higher Molasses adsorption and higher Iodine value
- (2) Very lower Heavy metal content and Almost no Zinc content, more safer for any food purification, fruit juice production etc.

### **Applications:**

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

### **Specification:**

ITEM/TYPE	EP-PM-G
Methylene Blue Adsorption mg/g min	195
Molasses adsorption % min	100
Iodine Value mg/g min	900
Moisture % max	10
PH	2-4
Iron % max	0.05
Chloride % max	0.02
Ash content % max	7
Particle size 325 mesh % min passed	90%

**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 may be 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.

