



# EPOCHEMMIE CO., LTD

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## DATA SHEET

**Commodity:** ACTIVATED CARBON

**Type:** EP-BP (series)

### **Application**

EPL-BP is bituminous coal based powder or granular mixed with powder activated carbon produced by steam activation process. It is characterized by excellent adsorption, high surface area and rich cellular structure and excellent efficiency of deducing COD of wastewater. EPL-BP is widely used in municipal water treatment, water treatment, potable water treatment, groundwater treatment, aquaria area, solvent purification, removal of taste, odor and organic contaminants and so on.

### **Product Specifications:**

ITEM/TYPE	EP-BP-G	EP-BP-S	EP-BP-H
Iodine value mg/g min	600	800	900
PH	Alkaline	Alkaline	Alkaline
Moisture % max (as packed)	5	5	5
Bulk Density g/l	510-550	510-550	510-550
Particle size Distribution	325mesh:90% min 200mesh:95% min 100mesh:99% min	325mesh:90% min 200mesh:95% min 100mesh:99% min	325mesh:90% min 200mesh:95% min 100mesh:99% min

**Packing:** 20kg bag, 25kg bag, 500kg jumbo bag or pallet packing or as per customer's requirement

**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.