



EPOCHEMMIE CO., LTD

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DATA SHEET

Commodity: ACTIVATED CARBON

Type: EP-VC (series)

EP-VC (series): Wood based powder activated carbon for Pharmaceuticals, injections purification.

Distinguishing feature:

- (1) Excellent decoloration, purification, refining performance.
- (2) Higher purity with very little impurities,
- (3) Very quick filtration

Application

EP-VC is specially used in decolorization, refining and impurities of all kinds of injections, other pharmaceuticals and so on

Product Specifications:

ITEM/TYPE	EP-VC-S	EP-VC-P
Methylene Blue Adsorption mg/g min	195	220
Quinine Sulphate adsorption mg/g min	120	120
Iron % max	0.02	0.05
Chloride % max	0.05	0.10
Ash content % max	2	3
Acid solubilities % max	0.6	0.8
Zinc content ppm max	-----	50
Heavy metal (as Pb) ppm max	30	30
PH	Neutral	5-7
Moisture % max	10	10
Particel size % min passed	325mesh 90% min passed 200mesh 95% min passed	325mesh 90% min passed 200mesh 95% min passed

Typical Properties:

ITEM/TYPE	EP-VC-S	EP-VC-P
Cyanide	qualified, not changing color	qualified, not changing color
Sulphide	qualified, not reaction	qualified, not reaction
Sulphate % max	0.1	0.1

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.