



EPOCHEMMIE CO., LTD

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DATA SHEET

Commodity: ACTIVATED CARBON

Type: EP-CP (series)

EP-CP (series): Pellet/Granular Coconut based Activated carbon for deep treatment of filling water, Solvent Recovery, VOC, Air Purification & Treatment, disodor of waste gas etc.

Distinguishing feature:

- (1) High Adsorption Capacity & Surface Area with little impurities
- (2) High Hardness and Durable, suitable for regeneration

Application

EP-CP(series) Coconut based activated carbons with low ash, low sulphur and very low water soluble material. This type's activated carbon are very suitable for adsorption of many gases and small molecular material. It is widely used in gas / air purification, volatile organic compounds adsorption, solvent recovery, deep treatment of filling water, VOC, Air Purification & Treatment, disodor of waste gas etc.

Product Specifications:

ITEM/TYPE	EP-CP60	EP-CP70	EP-CP75
CTC Adsorption % min	60	70	75
Iodine value mg/g min	1050	1100	1100
Ash Content % max	5	5	5
Hardness % min	95	95	95
Moisture % max(as packed)	3	3	3
Bulk Density g/l	Between 430-500, as per different particle size		
Particle size 90%min passed	3.0mm 4.0mm 8x30,12x40	3.0mm 4.0mm 8x30,12x40	3.0mm 4.0mm 8x30,12x40

Packing: 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.