



# EPOCHEMMIE CO., LTD

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## DATA SHEET

**Commodity:** ACTIVATED CARBON

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

**EP-CC(series):** Coconut based granular activated carbon for Gold extration,Catalyst carrier,Drinking water treatment,Solution refining in food areas and so on

**Distinguishing feature:**

- (1) Rapid adsorption kinetics, excellent,gold loading and consistent in circuit performance
- (2) Higher purity with very little impurities,
- (3) Very quick filtration
- (4) Higer hardness and suitable for regeneration

**Application**

EP-CC is coconut based activated carbon by steam activation process. As it's strong adsorption, High hardness, high chemical stability, less impurity, it is widely used in Gold extration in cyanide process, Drinking water treatment, Solution refining in food areas ,Catalyst carrier in halogenation, oxidation,hydropolymerization,hydrocracking,hydroisomerisation and other chemical reactions.

**Product Specifications:**

ITEM/TYPE	EP-CC-GOLD	EP-CC-G	EP-CC-W
Iodine value mg/g min	1000	900-1000,1050	950
CTC adsorption % min	50-60	50-60	
Hardness % min	97	93	90
Chloride % max	0.1	0.1	0.1
Ash content % max	3	3	3
Moisture % max	10	10	10
Bulk density g/l	490-530	400-530	400-530
PH	5-8	5-8	5-8
Particel size % min passed	6x8 mesh 90%min 8x16 mesh 90%min 12x30 mesh 90%min	Optional	Optional

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

**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.