



EPOCHEMMIE CO., LTD

www.epochemmie.com

E-mail: sales@epochemmie.com epochemmie@163.com

DATA SHEET

Commodity: ACTIVATED CARBON

Type: EP-HC (series)

EP-HC(series) : Excellent super CTC adsorption Solvent Recovery Coal based Activated carbon

Distinguishing feature:

1. Excellent super CTC adsorption
2. Excellent adsorbability for organic chemical gases
3. Excellent hardness

EP-HC(series) is produced from special anthracite coal and produced by the special technology. It gives this type carbon super higher CTC adsorption characteristics. This excellent feature let this type coal based activated carbon is much more suitable for adsorption for organic chemicals gases.

Application:

Much more suitable for organic chemicals solvent recovery: such as Ether, Alcohol, Ketone series chemicals, Tetrahydrofuran, Methane Dichloride, Chloroform, Trichlorethylene, Benzene, Toluene, Gasoline, and Hydrocarbon, etc

Specification:

| ITEM/TYPE | EP-HC-80 | EP-HC-90 | EP-HC-100 |
|-----------------------------|-------------------------|----------------|----------------|
| CTC Adsorption % | 80 | 90 | 100 |
| Benzene Adsorption % | 36 | 41 | 45 |
| Ash Content % max | 12 | 12 | 14 |
| Hardness % min | 98 | 98 | 95 |
| Moisture % max (as packed) | 3 | 3 | 3 |
| Bulk Density g/l | 420-480 | 390-450 | 360-410 |
| Ignition point D.C.min | 380 | 400 | 420 |
| Particle size 90%min passed | 2.0mm 3.0mm 4.0mm | 2.0mm 4.0mm | 2.0mm 4.0mm |

Packing: 25kg bags or 500kg jumbo bags, or as per client's requirements

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