EPOCHEMMIE CO., LTD

DATA SHEET

Commodity: ACTIVATED CARBON   **Type**: EP-I-H3PO4(series)

EP-I-H3PO4(series) : Pellet Coal based Activated carbon, Impregnated Phosphoric acid ,largely used to remove NH3 or H2S in gas application areas.

Distinguishing feature:

(1) Phosphoric acid impregnated, for remove NH3 or H2S in gas applications

(2) High Adsorption Capacity & Surface Area

(3) High developed and reasonable pore structure

Application

EP-I-H3PO4(series) coal based Sulphur impregnated activated carbons are produced from naturally excellent quality anthracite coal with low ash, low sulphur and very low water soluble material.

And it is specially designed to remove NH3 or H2S in gas application areas.

Product Specifications:

ITEM/TYPE	EP-I-H3PO4 60	EP-I-H3PO4 70
H3PO4 impreganted content %	5-15% or as per request	5-15% or as per request
CTC Adsorption %	60	70
Hardness % min	95	95
Moisture % max (as packed)	15	15
Bulk Density g/l	530-660	530-660
Particle size 90%min passed	4.0mm 3.0mm,1.5mm	4.0mm 3.0mm,1.5mm

Packing: 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.