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DATA SHEET

Commodity: ACTIVATED CARBON

Type: EP-BG-WW (series)

EP-BG-WW: Granular Potable water Washed Coal based Activated Carbon with lower floater for adsorption impurities in Drinking Water Treatment , Aquaria area, Solvent purification Deducing COD, Chemical production, etc

Distinguishing feature:

- (1) Lower Floater and water solubility
- (2) High Adsorption Capacity & Surface Area
- (3) Wide range of pore size distribution, especially rich in mesopore and macropore.
- (3) Largely used in many Liquid Application Areas

Application

EP-BG-WW coal based Potable water washed activated carbons with low impurities content. It is washed with potable quality water,dried prior to packing and reduce fines floating matters and water soluble ash. So this type’s activated carbon are very suitable for adsorption of big molecule in liquid area. It is widely used in Drinking Water Treatment, Aquaria area, Solvent purification Deducing COD, adsorption big molecular matters in chemical production or other area. It is characterized by excellent adsorption, high mechanical strength, high surface area and rich cellular structure.

Product Specification:

ITEM/TYPE	EP-BG-WW-G	EP-BG-WW-S	EP-BG-WW-H
Iodine value mg/g min	900	950	1000
Methylene blue adsorption mg/g min (based on content of MB 1.5%)	165	180	200
Ash Content % max	16	16	16
Floater % max	2	2	2
Water solubility % max	0.25	0.25	0.25
Hardness % min	90	90	90
Moisture % max (as packed)	5	5	5
Bulk Density g/l	460-520	460-520	430-500
Particle size 90%min passed	8x30mesh, 12x40mesh, 8x16mesh, 4x8mesh	8x30mesh, 12x40mesh, 8x16mesh, 4x8mesh	8x30mesh, 12x40mesh, 8x16mesh,4x8mesh

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 may be 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.