



EPOCHEMMIE CO., LTD

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DATA SHEET

Commodity: ACTIVATED CARBON

Type: EP-DSN

EP-DSN: Bigger pellet Special Activated carbon for Desulfurization and Denitrification

Distinguishing feature:

1. Super desulfurization ability
2. Super denitrification ability
3. Excellent hardness

EP-DSN is coal based bigger pellet type activated carbon with 5-10mm diameter. Based on the special production technology, this type has excellent desulfurization and denitrification ability advantages.

Application:

High efficiency desulfurization and denitration for exhaust gases from power plant and non-ferrous metal refine plant as well as exhaust gases from city waste incineration plant, boiler burning oil etc.

Specification:

ITEM/TYPE	EP-DSN-100	EP-DSN-50	EP-DSN-3x5
Desulfurization % min	20	20	20
Denitrification % min	35	35	35
Iodine Value mg/g min	350-450	350-450	350-450
Compressive strength mg/g min	35	35	35
Abrasive resistance %	97	97	97
Bulk Density g/l	580+/-30	580+/-30	580+/-30
Particle size 90%min passed	10.0mm	5.0mm	3-5.0mm

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 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