



Genuine Shell Carb (P) Ltd

Air Filtration-Activated Carbon

Treatment of stack gases from incineration, deodorization, pollution control of gaseous emissions containing SO₂, VOC or NO_X, etc., in particular for the chemicals, petrochemicals and printing industries, which consume large quantities of solvents.

Gas purification:

Filters with activated carbon are usually used in compressed air and gas purification to remove oil vapors, odors, and other hydrocarbons from the air. The most common designs use a 1 stage or 2 stage filtration principle in which activated carbon is embedded inside the filter media. Activated carbon is also used in spacesuit Primary Life Support Systems. Activated carbon filters are used to retain radioactive gases from a nuclear boiling water reactor turbine condenser. The air vacuumed from the condenser contains traces of radioactive gases. The large charcoal beds adsorb these gases and retain them while they rapidly decay to non-radioactive solid species. The solids are trapped in the charcoal particles, while the filtered air passes through.

We are offering coarse grades like GS48, GS612, GS816 and so far. Such products having high hardness and the low attrition with the relevant adsorption capacity is participation to the excellent quality to the gas purification process.

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